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- DR. WALTER C. LANGSAM, *President*: general policy of the College.
- THE REV. EDWERTH E. KORTE, *Chaplain*: the faith and life of the campus community; chapel services.
- MR. C. PAUL CESSNA, *Alumni Secretary*: Alumni affairs.
- MR. JAMES I. TARMAN, *Director of Public Relations*: College publicity; general information on the institution.
- DR. HAROLD A. DUNKELBERGER, *Choir Manager*: College Choir arrangements for special occasions and tour.

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- DR. MARTHA STOREK, *Dean of Women*: women's housing; women's student government; sororities; academic and social advisement.
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CATALOG NUMBER

Gettysburg College Bulletin

*Founded in 1832
As Pennsylvania College*

REGISTER FOR 1954 - 1955
ANNOUNCEMENT OF COURSES 1955 - 1956

Vol. XLV . February, 1955 . No. 2

GETTYSBURG COLLEGE
GETTYSBURG, PENNSYLVANIA

GETTYSBURG COLLEGE LIBRARY
GETTYSBURG, PA.

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*Published in January, February, March, April, June,
October, December*

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Foreword

Educational Objectives of Gettysburg College

Gettysburg College is dedicated to the task of developing Christian character. As a Christian college closely related to the church, it seeks to provide intellectual, spiritual, social, and physical development of its students in accordance with recognized principles and practices of higher education and in conformity with the religious and moral principles of Christianity. Its faculty and students have been selected with this fundamental idea in mind. The result is that Gettysburg College is a small, independent, campus college providing a setting in which students may develop habits of industry, integrity, cooperation and conscientiousness.

Education must always center in the acquisition of knowledge, the training of the intellect, the development of character, and the enrichment of life. Gettysburg College seeks to attain these objectives through a well-rounded program. Specifically its objectives may be stated as follows:

First, to emphasize in the mind of the student the importance of the Christian faith as an integrating force in his life; to help him realize that education without religion is inadequate.

Second, to provide for the student a broad cultural development, to stimulate his intellectual development, and to aid him in forming a sound philosophy of life.

Third, to lead him to explore the vast fields of the physical sciences, the social studies, philosophy, language, literature, and religion, and to help him discover the relevance of our accumulated knowledge to the formation of his own interests, principles, and ideals; to give him an informed and vital appreciation of beauty as it is represented in the expressive and creative arts; and to train him in the social graces and in the ability to live harmoniously and happily with others.

Fourth, to train him in the spirit and the technique of research, so as to enable him to continue successfully his efforts toward the mastery of his chosen subject in the professional or graduate schools or in industrial research.

Fifth, to challenge him to a great loyalty to American institutions and ideals; to develop in him a deep sense of social and civic responsibility; to help him realize that in a democracy the very foundation of national life is an intelligent and dedicated citizenry—a citizenry which knows that every privilege enjoyed under the institutions of our society is matched by corresponding responsibilities.

Sixth, to give careful attention to his physical well-being; to emphasize the importance of a sound body as a framework for a sound mind and a happy spirit; to educate him, partly through the extracurricular program of the college, in the correct use of leisure time and in recognition of the value of all recreational activities.

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CALENDAR FOR 1954-1955-1956

Session days are indicated by bold-face type

1954

SEPTEMBER

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1956

JANUARY

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COLLEGE CALENDAR

1954-1955

1954

September 13 to 16

September 16

September 17

September 22

October 9 and 10

October 23

November 24 to 29

December 17

REGULAR SESSION

Monday to Thursday, Orientation Week and Registration.

Thursday, Formal Opening Exercises.

Friday, 8:00 A.M., Beginning of classes.

Wednesday, College Communion.

Saturday and Sunday, Father's Day.

Saturday, Alumni Homecoming.

Wednesday, Noon, to *Monday*, 8:00 A.M., Thanksgiving Recess.

Friday Noon, Beginning of Christmas Recess.

1955

January 3

January 5

January 17 to 27

January 31

February 1

February 7 to 9

March 11 to 13

March 19

April 6

April 13

April 25 to 27

April 30 and May 1

May 14

May 17

May 23 to June 1

June 3

June 4

June 5

Monday, 8:00 A.M., End of Christmas Recess.

Wednesday, Career Conference Day.

Monday through Thursday, Examinations.

Monday, Registration of New Students.

Tuesday, 8:00 A.M., Beginning of Second Semester.

Monday through Wednesday, Religion-in-Life Week.

Friday through Sunday, Interfraternity Week.

Saturday, Competitive Examinations.

Wednesday, 8:00 A.M., Beginning of Easter Recess.

Wednesday, 8:00 A.M., End of Easter Recess.

Monday through Wednesday, Senior Comprehensive Examinations.

Saturday and Sunday, Mother's Day.

Saturday, Orientation Examinations.

Tuesday, Spring Registration.

Monday through Wednesday, Examinations.

Friday, Alumni Council Dinner.

Saturday, Noon, Alumni Collation.

Sunday, 9:00 A.M., Commissioning of ROTC Graduates.

Sunday, 10:30 A.M., Baccalaureate Exercises.

Sunday, 2:30 P.M., Commencement Exercises.

1955

SUMMER SESSION

June 9

July 4

July 15

July 18

Thursday, Registration. 9:00 A.M.-12:00 M. Organization of classes 1:30-3:30 P.M.

Monday, Holiday.

Friday, End of First Session.

Monday, Beginning of Second Session.

COLLEGE CALENDAR

1955-1956

August 25
August 26

Thursday, August Commencement.
Friday, End of Second Session.
Saturday Classes, June 11, 18, 25 and July 9

1955

REGULAR SESSION

September 12 to 15

Monday to Thursday, Orientation Week and Registration.

September 15

Thursday, Formal Opening Exercises.

September 16

Friday, 8:00 A.M., Beginning of classes.

September 21

Wednesday, 7:30 P.M., College Communion.

October 15-16

Saturday and Sunday, Father's Day.

October 29

Saturday, Alumni Homecoming.

November 23-28

Wednesday, Noon, to Monday, 8:00 A.M., Thanksgiving Recess.

December 16

Friday Noon, Beginning of Christmas Recess.

1956

January 3

Tuesday, 8:00 A.M., End of Christmas Recess.

January 4 to 6

Wednesday through Friday, Senior Comprehensive Examinations.

January 17-26

Tuesday through Thursday, Examinations

January 25

Wednesday, 4:00 P.M., February Commencement.

January 30

Monday, Registration of New Students.

January 31

Tuesday, 8:00 A.M., Beginning of Second Semester.

February 6 to 8

Monday through Wednesday, Religion-in-Life Week.

March 9 to 11

Friday through Sunday, Interfraternity Weekend.

March 17

Saturday, Competitive Examinations.

March 26

Monday, 8:50 A.M., Athletic Honors Day.

March 28

Wednesday, 8:00 A.M., Beginning of Easter Recess.

April 4

Wednesday, 8:00 A.M., End of Easter Recess.

April 30 to May 2

Monday through Wednesday, Senior Comprehensive Examinations.

May 5 and 6

Saturday and Sunday, Mother's Day.

May 12

Saturday, Orientation Examinations.

May 14

Monday, 8:50 A.M., Academic Honors Day.

May 15

Tuesday, Spring Registration.

May 18 to 26

Friday through Saturday, Examinations.

June 1

Friday, 7:00 P.M., Alumni Council Dinner.

June 2

Saturday, Noon, Alumni Collation.

June 3

Sunday, 9:00 A.M., Commissioning of ROTC Graduates.

Sunday, 10:30 A.M., Baccalaureate Exercises.

Sunday, 2:30 P.M., Commencement Exercises.

Board of Trustees

<i>First Elected</i>		<i>Term Expires</i>
1923	HENRY W. A. HANSON, D.D., LL.D., Harrisburg	1957
1932	JOHN H. BEERITS, Somerset	1955
1932	HARRY H. BEIDLEMAN, D.D., Hanover	1955
1932	AMOS E. TAYLOR, PH.D., Washington, D. C.	1959
1935	C. WILLIAM DUNCAN, Philadelphia	1959
1937	CLYDE E. GERBERICH, Mount Joy	1960
1937	THE HONORABLE HIRAM H. KELLER, LL.D., <i>Chairman</i> , Doylestown	1960
1939	EDWARD W. FURST, <i>Emeritus</i> , Swarthmore	1957
1939	WILLIAM J. MILLER, JR., D.D., Philadelphia	1960
1939	THE HONORABLE JOHN STANLEY RICE, <i>Vice Chairman</i> , Gettysburg	1956
1940	WILLIAM H. PATRICK, JR., <i>Secretary</i> , Philadelphia	1958
1941	RICHARD C. WETZEL, Reading	1959
1941	CHARLES B. MCCOLLOUGH, Detroit	1959
1946	CLARENCE A. WILLS, Gettysburg	1958
1947	MRS. CHARLES W. BAKER, JR., Duquesne	1960
1948	WILLIAM H. SANDLAS, Baltimore	1960
1948	CHESTER S. SIMONTON, D.D., York	1960
1949	PAUL R. SIEBER, M.D., Pittsburgh	1955
1949	L. RALPH TABOR, D.D., <i>Alumni Representative</i> , Baltimore	1955
1950	MRS. AUSTIN FELLENBAUM, <i>Alumni Representative</i> , Lancaster	1956
1951	ARTHUR HENDLEY, <i>Alumni Representative, Assistant Secretary</i> , Baltimore	1957
1952	WALTER CONSUELO LANGSAM, PH.D., LL.D., Gettysburg	
1952	JOHN A. APPLE, Sunbury	1958
1952	W. EMERSON GENTZLER, <i>Alumni Representative</i> , New York	1958
1952	LESTER GINGERICH, Philadelphia	1958
1953	PAUL H. RHODS, <i>Alumni Representative</i> , Harrisburg	1959
1954	NELSON E. FISHER, M.D., Chicago	1960
1954	WALTER E. GARMAN, <i>Alumni Representative</i> , Baltimore	1960
1954	LLOYD VAN DOREN, PH.D., New York	1960
1954	GORDON WHITCRAFT, Philadelphia	1960
1954	BERTRAM WILDE, Philadelphia	1960
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Hanson Foundation Committee: RICHARD C. WETZEL, *Chairman*; WALTER E. GARMAN, WILLIAM J. MILLER, JR., ALUMNI PRESIDENT, ALUMNI SECRETARY.

Synod Relations Committee: CHESTER S. SIMONTON, *Chairman*; MRS. CHARLES W. BAKER, JR., JOHN A. APPLE, JOHN S. RICE, L. RALPH TABOR .

Representative to Advisory Committee on Athletics: C. WILLIAM DUNCAN.

Pensions Committee: JOHN S. RICE, *Chairman*; LESTER GINGERICH, *Vice Chairman*; CHARLES B. MCCOLLOUGH, BERTRAM M. WILDE, CLARENCE A. WILLS.

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PRESIDENT OF THE COLLEGE
CHAIRMAN OF THE BOARD OF TRUSTEES

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President

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LL.D., *Gettysburg College* and *Bucknell University*.

HENRY W. A. HANSON

President Emeritus

A.B., A.M., *Roanoke College*; B.D., *Gettysburg Theological Seminary*; D.D.,
Gettysburg College; LL.D., *Bucknell University*, *Lafayette College*, and *Wit-
tenberg College*.

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Chaplain

A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*.

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Alumni Secretary

A.B., A.M., *Gettysburg College*.

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A.B., *Gettysburg College*.

ROSE MARIE SWISHER

Secretary to the President

A.B., *Gettysburg College*.

ROSEA B. ARMOR

Secretary to the Alumni Secretary

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Dean of the College

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Wisconsin*.

CHARLES R. WOLFE

Dean of Admissions and Registrar

A.B., A.M., *Gettysburg College*.

MARTHA STOREK

Dean of Women

A.B., *Connecticut College*; Ph.D., *Bryn Mawr College*.

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RICHARD A. BROWN

College Counsel

A.B., Gettysburg College; LL.B., University of Pennsylvania.

HEALTH

JOSEPH J. BAKER

Medical Director

A.B., Gettysburg College; M.D., Temple Medical School.

CHESTER G. CRIST

Medical Director Emeritus

M.D., Medico Chi of Philadelphia.

ANNE PICKERING, R.N.

Nurse

ANN MERROW, R.N.

Nurse

BEULA SHARK, R.N.

Nurse

HOUSEMOTHERS

WINIFRED F. CAMPBELL

LORETTA V. DEATRICK

FRANCES DUNN

ANNA F. GLAES

MAY H. SORRICK

The Faculty as of March 1, 1955

WALTER C. LANGSAM, *President*

B.S., *The College of the City of New York*; A.M., PH.D., *Columbia University*;
LL.D., *Gettysburg College* and *Bucknell University*.

WILBUR E. TILBERG, *Dean*

A.B., *Bethany College*; A.M., *University of Kansas*; PH.D., *University of Wisconsin*.

PROFESSORS EMERITI

CHARLES F. SANDERS, *Professor of Philosophy, Emeritus*

A.B., A.M., *Gettysburg College*; D.D., *Lafayette College*.

CLAYTON E. BILHEIMER, *Professor of Physical Education, Emeritus*

M.E., *Lehigh University*; A.M., *Columbia University*.

PROFESSORS

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A.B., *Ursinus College*; PH.D., *University of Pennsylvania*.

*FRANK H. KRAMER, *Professor of Education*

A.B., *Gettysburg College*; A.M., PH.D., *University of Pennsylvania*.

*JOHN B. ZINN, *Ockershausen Professor of Chemistry*

B.S., *Gettysburg College*; PH.D., *The Johns Hopkins University*.

*ROBERT FORTENBAUGH, *Adeline Sager Professor of History*

A.B., *Gettysburg College*; Graduate, *Lutheran Theological Seminary, Gettysburg*; A.M., *Syracuse University*; PH.D., *University of Pennsylvania*.

*WILLIAM C. WALTEMYER, *Amanda Rupert Strong Professor of English Bible*

A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*; A.M., PH.D., *American University*.

*ALBERT BACHMAN, *Professor of Romance Languages*

PH.D., *University of Zurich*; Agrégation, *University of Zurich*; PH.D., *Columbia University*.

*Head of the Department.

- *JOHN G. GLENN, *Pearson Professor of Latin*
A.B., A.M., *Wesleyan University*; PH.D., *Princeton University*.
- *EARL BOWEN, *Dr. Charles H. Graff Professor of Biology*
A.B., *Hendrix College*; A.M., PH.D., *Harvard University*.
- *WILLIAM K. SUNDERMEYER, *Professor of German*
PH.D., *University of Goettingen*.
- *WILLIAM FREDERICK SHAFFER, *Franklin Professor of Greek*
A.B., A.M., PH.D., *Princeton University*.
- *NORMAN E. RICHARDSON, JR., *William Bittinger Professor of Philosophy*
A.B., *Amherst College*; B.D., *Yale Divinity School*; PH.D., *Yale University*.
- *KENNETH L. SMOKE, *Professor of Psychology*
A.B., A.M., PH.D., *Ohio State University*.
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A.B., *St. Olaf College*; M.S.M., *Union Theological Seminary*; B.D., *Gettysburg Theological Seminary*; A.M., *New York University*.
- *MILTON L. STOKES, *Professor of Economics and Political Science*
A.B., A.M., LL.B., *University of Toronto*; PH.D., *University of Pennsylvania*.
- *M. ESTHER BLOSS, *Professor of Sociology*
A.B., *Cornell University*; A.M., PH.D., *Columbia University*.
- *HENRY T. BREAM, *Professor of Health and Physical Education*
B.S., *Gettysburg College*; A.M., *Columbia University*.
- *HOWARD CHARLES LONG, *Professor of Physics*
B.S., *Northwestern University*; PH.D., *Ohio State University*.
- *†FRANCIS C. MASON, *Professor of English*
A.B., A.M., *University of Virginia*; A.M., *Harvard University*; PH.D., *University of Virginia*.
- *LT. COL. EBEN R. JONES, *Professor of Military Science and Tactics*
B.S., *University of Maryland*.
- *LT. COL. DONALD G. WILLIAMS, *Professor of Air Science and Tactics*
A.B., *Virginia Military Institute*.
- C. ALLEN SLOAT, *Professor of Chemistry*
B.S., *Gettysburg College*; A.M., *Haverford College*; PH.D., *Princeton University*.

*Head of the Department.

†On leave of absence.

ASSOCIATE PROFESSORS

GEORGE R. LARKIN, *Associate Professor of Economics*
A.B., A.M., *Wesleyan University.*

HAROLD M. MESSER, *Associate Professor of Biology*
P.H.B., *Brown University*; A.M., *Columbia University.*

FREDERICK C. AHRENS, *Associate Professor of German*
A.B., *University of Western Ontario*; A.M., Ph.D., *Columbia University.*

HERBERT G. HAMME, *Associate Professor of Romance Languages*
A.B., *Dickinson College*; A.M., *Gettysburg College.*

GLENN S. WEILAND, *Associate Professor of Chemistry*
B.S., M.S., Ph.D., *University of Maryland.*

LESTER O. JOHNSON, *Associate Professor of Education*
A.B., *St. Olaf College*; A.M., *University of Minnesota.*

WILLIAM D. HARTSHORNE, JR., *Associate Professor of Romance Languages*
A.B., A.M., *Haverford College*; *Diplôme de Professeur de français à l'étranger*,
Université de Toulouse.

EARL E. ZIEGLER, *Associate Professor of Mathematics*
B.S., M.S., *Gettysburg College.*

HAROLD A. DUNKELBERGER, *Associate Professor of Bible*
A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary*; Ph.D.,
Columbia University.

MARTHA STOREK, *Associate Professor of German* ✓
A.B., *Connecticut College*; Ph.D., *Bryn Mawr College.*

CLARENCE BARTHOLOMEW, *Associate Professor of Health and Physical Education*
B.S., M.S., Ed.D., *University of Pennsylvania.*

ANGEL FRANCO, *Associate Professor of Spanish*
A.B., A.M., *University of Puerto Rico*; Ph.D., *University of Madrid.*

*RICHARD B. GEYER, *Associate Professor of English*
A.B., A.M., *Miami University*; Ph.D., *Northwestern University.*

ASSISTANT PROFESSORS

JOSEPH K. WOLFINGER, *Assistant Professor of English*
A.B., *St. John's College*; A.M., *The Johns Hopkins University.*

*Acting Head of the Department.

HARRY F. BOLICH, *Assistant Professor of English*
A.B., A.M., *Bucknell University.*

HEINZ LANGERHANS, *Assistant Professor of Sociology*
PH.D., *University of Frankfurt.*

JOHN M. YOVICSIN, *Assistant Professor of Health and Physical Education*
A.B., *Gettysburg College*; M.S., *University of Pennsylvania.*

CONWAY S. WILLIAMS, *Assistant Professor of Economics*
A.B., *Columbia University*; M.S., *Columbia School of Business.*

GRACE C. KENNEY, *Assistant Professor of Health and Physical Education*
B.S., *New York University*; A.M., *Columbia University.*

CHESTER JARVIS, *Assistant Professor of Political Science*
A.B., A.M., *University of California.*

RICHARD SCHUBART, *Assistant Professor of Philosophy*
A.B., *Dartmouth College*; A.M., *Columbia University.*

PAUL R. BAIRD, *Assistant Professor of Economics*
A.B., A.M., *Pennsylvania State University.*

MARVIN M. HENSLEY, *Assistant Professor of Biology*
A.B., *Greenville College*; M.S., *University of Illinois*; PH.D., *Cornell University.*

MAJOR FLOYD H. MCKEAND, JR., *Assistant Professor of Air Science and Tactics*
A.B., *Marshall College.*

ROBERT L. BLOOM, *Assistant Professor of History*
B.S., *Shippensburg State Teachers College*; A.M., *Duke University*; PH.D., *Columbia University.*

R. HENRY ACKLEY, *Assistant Professor of Music*
A.B., *Western Maryland College*; *Peabody Conservatory of Music.*

CAPT. RICHARD T. ANDREWS, *Assistant Professor of Air Science and Tactics*
A.B., *Willamette University.*

BASIL L. CRAPSTER, *Assistant Professor of History*
A.B., *Princeton University*; A.M., PH.D., *Harvard University.*

CHARLES H. GLATFELTER, *Assistant Professor of History*
A.B., *Gettysburg College*; PH.D., *The Johns Hopkins University.*

CAPT. JAMES P. LUTZ, *Assistant Professor of Air Science and Tactics*
B.S., *Kent State University.*

RICHARD T. MARA, *Assistant Professor of Physics*
A.B., *Gettysburg College*; M.S., PH.D., *University of Michigan.*

WILLIAM L. SANBORN, *Assistant Professor of French*
A.B., *Dickinson College*; *Diplôme Supérieur de Civilisation Française, Doctorat D'Université de Paris.*

KATHRINE KRESSMANN TAYLOR, *Assistant Professor of English*
A.B., *University of Oregon.*

CAPT. GUINN E. UNGER, *Assistant Professor of Military Science and Tactics*
A.B., *Gettysburg College.*

EDWIN D. FREED, *Assistant Professor of Bible*
A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary, Gettysburg.*

CAPT. CHARLES L. ANDERSON, *Assistant Professor of Military Science and Tactics*
B.S., *University of Pittsburgh.*

CAPT. JOHN A. GLADYS, *Assistant Professor of Military Science and Tactics*

EUGENE M. HAAS, *Assistant Professor of Health and Physical Education*
A.B., *Gettysburg College*; A.M., *Columbia University.*

JOHN D. SHAND, *Assistant Professor of Psychology*
A.B., *Amherst College*; A.M., *Harvard University*; PH.D., *University of Chicago.*

INSTRUCTORS

GUILLERMO BARRIGA, *Instructor in Spanish*
B.S., *Colombian Naval Academy.*

¹EDGAR L. EDDINS, *Instructor in Psychology*
A.B., *Gettysburg College*; A.M., *Temple University.*

M/SGT. ELMER J. JOHNSON, *Instructor in Air Science and Tactics*

M/SGT. ANTHONY J. NAVICKAS, *Instructor in Military Science and Tactics*

¹ On leave of absence 1954-1956.

¹LEROY W. SMITH, *Instructor in English*

A.B., *American University*; A.M., *George Washington University*.

M/SGT. JOHN DEBORDE, JR., *Instructor in Military Science and Tactics*

LOIS J. BOWER, *Instructor in Health and Physical Education*

B.S., *Temple University*.

SIGRID L. LEHNBERGER, *Instructor in French and Spanish*

A.B., *Hofstra College*; A.M., *Duke University*.

JAMES S. LENTZ, *Instructor in Health and Physical Education*

A.B., *Gettysburg College*.

RALPH D. LINDEMAN, *Instructor in English*

A.B., *University of Pittsburgh*; A.M., *Columbia University*.

S/SGT. JOHN D. MORRILL, *Instructor in Air Science and Tactics*

PHILIP JOHNSON, *Instructor in Political Science*

A.B., A.M., *Wagner College*.

M/SGT. HAROLD EVERMAN, *Instructor in Military Science and Tactics*

B.S., *United States Military Academy*.

S/SGT. DONALD E. EVINS, *Instructor in Air Science and Tactics*

T/SGT. JOSEPH G. McCASLIN, *Instructor in Air Science and Tactics*

HAROLD E. MUMA, *Instructor in Biology*

B.S., M.S., *University of Maryland*.

THEODORE C. DANIELS, *Instructor in Physics*

A.B., *Oberlin College*.

KENNETH V. GARDNER, *Instructor in Biology*

A.B., *Gettysburg College*; M.S., *Cornell University*.

C. ROBERT HELD, *Instructor in English*

A.B., *Gettysburg College*.

OLIVER W. HELMRICH, *Instructor in Psychology*

A.B., *Lycoming College*; A.M., *Bucknell University*.

JAMES D. PICKERING, *Instructor in English*

A.B., A.M., *Wesleyan University*.

DONALD W. ROBINSON, *Instructor in Art*

B.F.A., *University of Georgia*; M.F.A., *Columbia University*.

¹ On leave of absence 1954-1955.

M/SGT. DAN J. WARRINGTON, *Instructor in Air Science and Tactics*
 S/SGT. THOMAS G. GIMPEL, *Instructor in Air Science and Tactics*
 SFC. ROBERT JACKSON, *Instructor in Military Science and Tactics*

LECTURERS

PAUL A. HARNER, *Music*
Peabody Conservatory of Music.

WILLIAM C. DARRAH, *Biology and Contemporary Civilization*
 B.S., *University of Pittsburgh.*

JACK R. CORBIN, *Physics*
 B.S., *Millersville State Teachers College.*

ROGER C. HEIMER, *Economics*
 B.S., *U. S. Coast Guard Academy*; B.S., *Gettysburg College*; M.A., *University of Pennsylvania.*

IHLSE LANGERHANS, *German*
 Graduate Augusta Lycee.

CAREY A. MOORE, *Bible*
 A.B., *Gettysburg College.*

LOIS K. SNOOK, *English*
 A.B., *Gettysburg College.*

PRIVATE INSTRUCTORS IN APPLIED MUSIC

VIRGINIA BARRIGA, *Violin*
 Student of Ferdinand Fillon and of Marcel Chailley of *L'École Normale*,
 Mesique, Paris.

J. HERBERT SPRINGER, *Organ and Piano*
 Student of Tobias Matthay and of Frank Manheimer, London, England.

MARIE BUDDÉ, *Voice*
 B.M., *Curtis Institute of Music*; *Peabody Conservatory of Music.*

LOIS KADEL, *Christ Chapel Organist and Choir Director, Organ and Piano*
 B.S., *West Chester State Teachers College*; M.S.M., *Union Theological Seminary.*

ASSISTANTS

NINA WILLIAMS, *Biology*
 A.B., *Gettysburg College.*

MARY C. ALBAUGH, *Chemistry*
 A.B., *Gettysburg College.*

MRS. ARLENE ZELLERS, *Biology*
 A.B., *Gettysburg College.*

Faculty Committees

Absences: TILBERG, AHRENS, DUNKELBERGER, GEYER, LARKIN, MARA, YOVICSIN.

Admissions and Advance Standing: WOLFE, BLOSS, DUCK, FORTENBAUGH, GLENN, SHAINLINE, TILBERG, ZIEGLER.

Advisory Committee on Athletics: G. BREAM, STEVENS, AND MRS. SMITH FOR THE *Alumni*; DUNCAN FOR THE *Trustees*; H. BREAM, TILBERG, ZIEGLER FOR THE *Faculty*; STUDENTS.

Catalog: WOLFE, BARTHOLOMEW, CESSNA, DEBUS, DUCK, LINDEMAN, MASON, TILBERG.

Ceremonies: SMOKE, BARRIGA, BOWER, BREAM, CESSNA, HAAS, JONES, KADEL, KRAMER, McKEAND, ROBINSON, SHELDON, STOREK, TARMAN, LUTZ, WAGNILD, ZIEGLER; STUDENTS.

Curriculum and Policy: FORTENBAUGH, ARMS, BACHMAN, BLOSS, BOWEN, BREAM, GLENN, JONES, KNICKERBOCKER, KRAMER, LONG, MASON, RICHARDSON, SHAFFER, SMOKE, STOREK, STOKES, SUNDERMEYER, TILBERG, WAGNILD, WALTEMYER, D. WILLIAMS, WOLFE, ZINN.

Discipline: TILBERG, BAKER, HENSLEY, LARKIN, LEHNBERGER, PICKERING, WAGNILD; STUDENTS.

Faculty Handbook: GLENN.

Financial Coordinator of Student Organizations: DEBUS.

Lecture and Concert: SUNDERMEYER, ARMS, BACHMAN, GEYER, KORTE, KRAMER, SHAFFER, SHAND, WAGNILD.

Library: SUNDERMEYER, BARRIGA, DANIELS, FREED, GEYER, KNICKERBOCKER, MUMA, ROBINSON, SANBORN, STOKES.

Literary Advisers for Student Publications: TAYLOR, BOLICH, HARTSHORNE, KORTE, RIDDAGH.

Pre-Medical: TILBERG, BAKER, BOWEN, LONG, MARA, MESSER, WEILAND, ZINN.

ROTC and AFROTC Coordinator: FRYLING.

Scholarships: WALTEMYER, BLOSS, BREAM, DEBUS, HELMRICH, TILBERG, WAGNILD, WOLFE, ZIEGLER.

Scholastic Standing: TILBERG, ARMS, BLOOM, DUCK, P. JOHNSON, STOREK, STOKES, WEILAND.

Social Functions and Student Organizations: TILBERG, FRANCO, FRYLING, GLADYS, HAMME, L. JOHNSON, KRAMER, KORTE, STOREK, UNGER, C. WILLIAMS; STUDENTS.

Student Senate: FRYLING, GLATFELTER, KENNEY, MASON; STUDENTS.

Sub-Freshman Activities: WOLFE, ACKLEY, ANDREWS, BAIRD, BOLICH, BBEAM, CESSNA, DEBUS, FRYLING, KRAMER, LARKIN, LENTZ, SHAINLINE, STOREK, TARMAN, TILBERG, WALTEMYER; STUDENTS.

Summer Session: ARMS, TARMAN, TILBERG, WOLFE, ZINN.

Synod Relations: KORTE, DUNKELBERGER, FREED, WALTEMYER.

The President of the College is an ex-officio member of all committees.

History of Gettysburg College

"Pennsylvania College of Gettysburg," chartered on April 7, 1832, as the first Lutheran college in America has maintained through the years the primary endeavor of its founders: "To train men and women as leaders who will preserve this civilization with its emphasis on the dignity of the individual as a being created in the image of God." Fulfillment of this early objective has provided the College with a rich history of progress and development.

The College first held classes in a building in town which has since become a private residence, and did not move to the present campus until 1837, when Pennsylvania Hall, the "Old Dorm," was constructed on the former Thaddeus Stevens property. This building, which housed the entire college, and which served as a hospital and headquarters during the battle of Gettysburg, still stands in the center of the campus and functions as a men's dormitory. Expansion was stepped up after the Civil War; new buildings were erected, intercollegiate sports were started, and in 1888 women were first admitted to the College. At the outbreak of hostilities in 1916, the Army organized a Reserve Officers Training Corps at Gettysburg. Gettysburg College was the first independent college to have such a unit on its campus. In 1921, the name of the College was officially changed to Gettysburg College.

Growth was rapid now. New buildings were added constantly, an outstanding year in that phase of development being 1927, when Breidenbaugh Science Hall and the Eddie Plank Memorial Gymnasium were completed. The College curriculum expanded to include many new courses representing a wide range of fields of study. The Faculty was continually augmented and has increased from the original staff of five professors to more than ninety members currently instructing. The student enrollment now stands at about twelve hundred, a great increase from the small band of 67 who crowded into the limited space of the first college home. Christ Chapel, which was dedicated on Homecoming Weekend in October, 1953, and Buehler Hall, a dormitory for girls, are the most recent additions to the College facilities, and brings the total number of buildings to thirty-three. This figure includes the temporary

dormitories and the maintenance shops. The physical equipment of the College is now valued at approximately \$5,500,000.

Gettysburg College always has been proud of the service it performs in providing its students with the best educational advantages that it can offer. The College is fully accredited or approved by all the major agencies, including the American Association of University Women. Graduates from Gettysburg are well represented in top positions in various occupations.

Always true to its fine traditions and objectives, Gettysburg College feels that it has made, over the years, a valuable contribution to the nation. The College in days and years to come prayerfully will continue to accept the responsibilities of training youth to accept the challenges of life, whatever they may be.

Buildings and Facilities

THE LIBRARY contains about seventy thousand volumes, including essential reference works, and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years, funds are available to meet the special needs of each department, and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stock space, and accommodations for the library staff.

GLATFELTER HALL, erected in 1888-89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. The building is fire-resistive throughout.

The first floor of Glatfelter Hall is occupied by the College Administration, the Guidance Counselor, the Departments of Mathematics, Latin, and Psychology. The Departments of Bible, History, Philosophy, Greek, English, and Romance Languages have their offices and classrooms on the second floor. On the third are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories in Glatfelter Hall are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups.

A temporary structure, attached to the west side of Glatfelter Hall and known as the Annex, provides four auxiliary classrooms.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the depart-

ments of Chemistry and Physics and the College Radio Station, WWGC. The building was completed in 1927.

The Chemistry Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have separate laboratories and stock rooms equipped with essential apparatus and supplies.

The departmental library, also in Breidenbaugh Hall, contains a substantial reference section adapted to nearly all branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals, including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physics Laboratories, in the south part of Breidenbaugh Science Hall, are equipped with selected modern apparatus for elementary and advanced laboratory work and lecture demonstrations. Also included in the laboratories is a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books on elementary and advanced laboratory experiments and technique, as well as books in the field of general Physics. Carefully selected publications are added each year

BRUA HALL, erected in 1889-90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for plays, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Hall was erected and made available to the Music Department in 1951.

EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the ROTC, locker and dressing rooms, and showers. On the main floor are the gymnasium proper, a theatrical stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices in the gallery.

ROBERT WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League

of Gettysburg College and named in honor of Robert Weidensall, LL.D., Class of 1860, a pioneer in the work of the YMCA. In the reconstruction which followed the fire of 1946 it was greatly enlarged, and it now contains a large center hall, an auditorium, a tiled swimming pool, a lounge for students, recreation and browsing rooms, a snack bar, and the offices of the SCA, the Chaplain, the Alumni Secretary, the Publicity Director, and the *Gettysburgian*.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, some of them *en suite*, so that those who desire may have separate study and sleeping rooms.

McKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides dormitory and recreational facilities for women students and houses the College dining hall. The first floor contains a recreation room and living quarters for a number of students. The second or main floor contains a large dining hall and a modern kitchen. On the third floor are rooms for students. Huber Hall was built in 1917.

STEVENS HALL, also on Carlisle Street, has recently been completely refurnished by the Woman's League for the use of women students. There are accommodations for forty-nine girls, an apartment for the housemother, and a living room. The building was erected in 1868.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty-seven girls and a housemother. There is a kitchen in which resident students may prepare breakfast.

HANSON HALL, a new dormitory which accommodates about one hundred girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President Emeritus and Mrs. Henry W. A. Hanson. It contains an apartment for a housemother, an apartment for the Dean of Women, four snack kitchens, four sorority rooms, the Independent Women's Room, and lounges.

BUEHLER HALL, a large residence on Carlisle Street facing the campus, accommodates thirty-eight girls and a housemother. There is a parlor, recreation room, snack kitchen, and a lounge.

CHRIST CHAPEL, completed for daily chapel services in September, 1953, stands opposite Weidensall Hall. With this building, the Chapel constitutes the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

There are nine classrooms, an art studio, and the offices of the Departments of Fine Arts, German, and Sociology and Social Work in the basement of the Chapel.

THE PRESIDENT'S HOUSE, built in 1915, is situated on the campus at the intersection of Stevens and Carlisle Streets.

THE CHAPLAIN'S RESIDENCE, erected in 1860, is situated on the campus just southeast of Glatfelter Hall.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by four nurses, under the supervision of a medical director.

THE COLLEGE BOOK STORE, situated at the intersection of Stevens and North Washington Streets, dispenses textbooks and accessories. It is owned and administered by the College. It was erected in 1939.

ADDITIONAL BUILDINGS, all located on the central campus, are the Business Office, three fraternity houses, a janitor's home, the heating plant, and certain temporary buildings.

OSOGA LODGE, a rustic cabin at Laurel Lake, some twenty miles north of Gettysburg, is available to student groups under proper supervision.

TEMPORARY DORMITORIES, erected in 1946 by the College and the Federal Housing Authority to accommodate the influx of students from the armed forces, consist of four buildings just north of Memorial Field. These dormitories accommodate 200 men.

APARTMENTS FOR MARRIED STUDENTS, housed in three buildings, comprise six four-room and four three-room apartments. These apartments, separately heated, are available to married students.

DEPARTMENT OF AIR SCIENCE AND TACTICS, a temporary building, obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters and provides classroom facilities for the Department of Air Science and Tactics.

Athletic Fields

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination field for football and track.

NIXON FIELD, a seven-acre area lying east of the Gymnasium, contains a baseball diamond, and the College fields for the Women's Intercollegiate, Intramural, and Physical Education programs.

IRA PLANK MEMORIAL BASEBALL FIELD, lying northwest of Eddie Plank Memorial Gymnasium and containing a diamond with 400-foot foul lines, is devoted exclusively to intercollegiate baseball.

INTRAMURAL FIELD, north of Broadway, contains four clay and four rubico composition tennis courts; soccer, hockey, softball, and football fields; an archery range; and a practice tee for golf.

College Expenses

Comprehensive Fee

Gettysburg College operates under the comprehensive fee plan, an all-inclusive fee which includes tuition, general fees, all laboratory fees, the athletic fee, the health fee, the library fee, graduation fees, the student chest fee, etc.—in short, all academic expenses except books and private lessons in music. Under such a system every student and every parent will know well in advance exactly how much each year's College expenses will be.

The comprehensive fee allows a student to take from 20 to 36 credit hours per academic year (10 to 18 per semester). Anyone pursuing studies which total more than 18 semester hours per semester must pay \$20.00 tuition per semester hour above the 18 hours allowed.

Comprehensive Fee \$625.00

Board

College Dining Hall \$400.00

Room Rents

Aughinbaugh Hall	\$120.00
Buehler Hall	150.00
Hanson Hall	150.00
Huber Hall	120.00
McKnight Hall	120.00
Pennsylvania Hall (Old Dorm)	120.00
Rooms in private homes	120.00 to \$225.00
Stevens Hall	120.00
Temporary Dormitories:	
Double rooms	70.00
Single rooms	90.00
Apartments for families	30.00 per month

Two-thirds of the yearly room charge is payable in September and one-third in February.

TOTAL YEARLY EXPENSES

	MINIMUM	LIBERAL
Comprehensive Fee	\$ 625.00	\$ 625.00
Board	400.00	400.00
Room (dormitory)	70.00	150.00
Books and Stationery (estimated)	25.00	50.00
Estimated total cost for college year .	\$1,120.00	\$1,225.00

The above tabulation does not include laundry and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

Special Students

Any student who does not take a full program (less than 10 semester hours) does not pay the comprehensive fee. The following rates apply for part-time students:

Tuition (per semester hour)	\$20.00
Laboratory fee (per semester, each)	15.00
Library fee (per semester)	3.00
Registration fee (per semester)	5.00

Part-time students do not receive free admission to intercollegiate athletic programs, the health service, and free participation in student-sponsored activities unless they pay a fee of \$50.00 per year.

Payment of Bills

All College bills are due and payable on or before registration each semester. The Business Manager will bill each student for one-half of the yearly comprehensive fee and board charge before the beginning of each semester. Room rents will be billed at the rate of two-thirds in September and one-third in February.

The Veterans Administration will pay the comprehensive fee and cost of books and supplies within the legal limits for veterans attending College under the provisions of Public Laws 16 and 346. Veterans attending College under the provisions of Public Law 550 (the Korean G.I. Bill) will receive monthly amounts from the Veterans Administration and are to pay their own College bills. Because of possible delays in receipt of these amounts and the fact that the V.A. will pay monthly, the College will allow accredited PL 550 students, upon application to the Business Manager, to select the following payment plan at a nominal charge.

Fall registration	\$105.00
November 10	104.00
December 10	103.50
Spring registration	105.00
April 10	104.00
May 10	103.50

No student will be permitted to take the semester examinations, be graduated, receive a transcript of record or statement of honorable dismissal until all financial obligations to the College, class publications, fraternities, and other student interests have been met.

Deferred Payments

The College is prepared, in certain circumstances and at a nominal charge, to grant deferred payments if application is made in writing to the Business Manager at least 10 days before registration.

Board

All women students, except those living at home, are required to take their meals in the College dining hall.

Men students and wives of students may arrange to take their meals in the College dining hall.

All entering Freshman men are required to take their meals in the College dining hall. If the student joins a fraternity the board fee will be refunded on a proportionate basis.

Refunds

No refunds of the comprehensive fee will be made after the first week of each semester except where a student has had to withdraw because of serious illness or call by Selective Service, in which case the fee will be refunded on a proportionate basis.

There will be no refund of the board charge except where a student has had to leave College, or joins a fraternity (see Board above).

Room charges are refundable only if a student leaves College because of serious illness or call by Selective Service, or finds a replacement who is willing to assume the remaining charge.

Veteran credits will be made in accordance with existing Veterans Administration regulations.

Transcripts

Each student is permitted one free transcript of his full record upon graduation or withdrawal from College. Anyone desiring more than one must send his request to the Registrar and enclose payment of \$1.00 for each additional transcript requested.

Admission of Students

Although Gettysburg College has expanded its facilities to provide a liberal education for an increased number of students, it believes that its purposes can best be achieved if it maintains its character as a small church-related school. The stated requirements for admission are designed to enable the College to select students who will contribute to and benefit from such a College community.

Application for Admission

A student desiring to enter Gettysburg College from high school or preparatory school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his school to complete pages one and two and forward it to the Admissions Office. Regulations governing admission of applicants who have attended another college are stated in the section, "Admission with Advanced Standing."

A fee of \$5.00 must accompany the "Application for Admission." This fee is non-refundable and is used to defray, in part, the costs of processing the application.

A student may present an "Application for Admission" at any time after the completion of the Junior year in high school, and the Dean of Admissions may at any time make tentative reservations for applicants with exceptional qualifications. However, the *Committee on Admissions* selects the larger part of the men's quota after the Senior mid-year grades are presented. Most of the women's quota are selected about March 1 of each year. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

Advance Payments

In order to validate their statement of acceptance, successful applicants for the September term must send to the Business Manager, Gettysburg

College, an advance payment of \$50.00 on or before May 20. Those receiving notification of acceptance after May 5 must send the \$50.00 advance payment within 15 days of the date of notification. The advance payment is credited to the students' account, with \$25.00 credited to the first semester and \$25.00 to the second semester. If a successful applicant withdraws before July 1, the advance payment will be returned. No re-funds will be made after July 1.

Dormitory Room Reservation

Dormitory room preference is given to students in the order of the receipt of the advance fee of \$50.00. Since there is some difference in the desirability of dormitory rooms, it is to the students' advantage to make the advance payment before the May 20 deadline. No room reservation can be made until after the advance payment has been made.

Requirements for Admission

The *Committee on Admissions* considers each applicant individually, using as its principles of selection the following:

- 1. Evidence of good character and acceptable social habits.
- 2. Evidence of academic attainment and ability, especially facility in the use of the language and the understanding of fundamental mathematical processes.

The Committee relies upon the secondary school record, examination results, personal interviews, and recommendations from the school, alumni, and friends of the College for its basic information. While the College places greater emphasis upon the quality of the student's work in secondary schools than upon the exact distribution of the subjects taken, it makes the following general recommendations for the guidance of students looking toward college admission:

Graduation from and recommendation by an approved secondary school with completion of 16 Standard High School Units as follows:

<i>Required:</i>	YEARS
English	4
Elementary Algebra	1
Plane Geometry or Intermediate Algebra	1

*Recommended:*¹

Natural Science	2
History	2
Foreign Language	2

Optional:

Additional electives to fill the graduation requirement from Mathematics, Natural Science, History, Social Studies, and Foreign Language. Not more than three units in vocational or commercial subjects are acceptable.

Veterans who were not graduated from secondary school before entering the Armed Services may, in certain circumstances, qualify for admission through an educational training program in service, through United States Armed Forces Institute Courses, or on the basis of the General Educational Development Tests.

Entrance Examinations

Gettysburg College recommends that all candidates for admission take Scholastic Aptitude Tests (the Morning Program) of the College Entrance Examination Board. It is desirable that some candidates take the Achievement Tests (the Afternoon Program) in the three subjects most closely related to their major fields. The English Test is always desirable. Since Gettysburg uses test results as a means of acceptance rather than of rejection, students have everything to gain and nothing to lose by taking the College Boards.

The High School principals and guidance counselors usually have complete information and application blanks for the tests of the College Entrance Examination Board. However, any student may receive direct information, application forms, and sample tests by writing to the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey, or Post Office Box 9896, Los Feliz Station, Los Angeles 27, California. These tests are available at widely distributed centers

¹ In addition to the general recommendations for all prospective students, the following special ones should be noted:

Those students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

throughout the United States on the following dates: March 12, May 21, August 10, September 3, 1955, and January 14, March 17, May 19, and August 8, 1956.

The Committee on Admissions frequently accepts *without examination* those applicants having good grades and recommendations from an accredited secondary school. However, it is recommended that all students accepted *without examination* take at least the Morning Program tests of the College Entrance Examination Board for two reasons: (1) those tests in and of themselves are a valuable educational experience; (2) the results are valuable data in a student's personnel folder for his subsequent advisement.

Supplementary Examinations

The General Educational Development Tests.

Many servicemen find it difficult to take the College Boards while they are in service and are discharged too late to take the tests after they have been discharged. In such cases the General Educational Development Tests, High School Level, are desirable. The most reliable test results come from tests taken shortly before discharge.

The Gettysburg College Entrance Examination.

For those students who have already taken the tests of the College Entrance Examination Board and who need a detailed analysis of their general achievement, the Gettysburg College Entrance Examinations are available at Gettysburg. Students desiring to take the Gettysburg tests should write to the Dean of Admissions for his approval.

Sub-Freshman Day

Each year, Gettysburg College plans to bring as many as possible of the new students and their parents to the campus for a day of general introduction to the life of the school. The day includes a tour of the campus and its principal buildings, visits to the major departments of study, informal meetings with students and faculty, one athletic event, introduction to fraternities and sororities, and for some, a quick view of the Battlefield.

All students accepted for the September term and a few others will be invited to attend. The date set for 1955 is May 14. The tentative 1956 date is May 13.

Admission with Advanced Standing

A student who has attended another college is eligible to transfer to Gettysburg College if he is entitled to an honorable dismissal without social or academic probation. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing the high school record. Former students of Gettysburg College may transfer credits from other institutions under the same conditions granted to new students.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon all other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon all other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of attendance in order to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores or first semester Juniors are required to take General Education 2.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

Admission at the Beginning of the Second Semester

Freshmen and transfer students may be admitted at the beginning of the second semester. Methods and requirements for admittance are

the same as for those students entering at the beginning of the regular school year in September.

Admission to the Summer Session

Students who are candidates for degrees at Gettysburg College are admitted to the Summer Session under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Session *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

Institutional Rating

Gettysburg College is on the accreditation lists of the Middle States Association of Colleges and Secondary Schools, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Commission on Accreditation.

Approval by the American Medical Association and the American Association of University Women, membership in Phi Beta Kappa and in the American Chemical Society, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

Registration

The Registration System

Since there are few fixed curricula at Gettysburg College, most students work out with their advisers the curriculum best suited to their individual needs. Course selections are limited by the general requirements for graduation and by the requirements of each department. The registration system seeks to coordinate advisement with the formal course registration.

Spring Registration

The Tuesday before the beginning of second semester examinations is set aside for preliminary registration of old students for the following school year and for final registration of those who will attend the Summer Session. The *Gettysburgian* announces the detailed registration plans.

Summer Session Registration

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin*.

Pre-Registration of New Students

Freshmen entering in September make out a tentative schedule of courses through individual conference or through correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study.

For new students entering with advance standing, the Registrar prepares evaluations of transfer credits and statements of remaining requirements for graduation. One copy goes to the student and another to the adviser.

September Registration

New students meet with their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Old students complete the registration begun at the Spring Registration on Wednesday and Thursday of Orientation Week. The Dean announces the schedule of registration in a letter to each student.

February Registration

Since students register for the whole year, there is no formal mid-year registration. Those students who need to make course adjustments report on the announced registration date.

New students entering in February make out schedules and register on the announced registration date.

Registration Rules

1. Each student must register officially, at the specified time and place, for all the courses he expects to enter. Late registration is penalized by a fine of \$5.00 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A fee of \$1.00 is charged for any change in course made within three days after the last day of the regular registration period.
5. After the third day of the semester, a student may drop a course or add a new course only with permission from the *Scholastic Standing Committee* and upon the payment of \$5.00 for the change in schedule.
6. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
7. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

Curriculum

Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution of subject matter to be completed before graduation. Because of this dominantly liberal purpose, most students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study. Some majors in Health and Physical Education qualify for the degree of Bachelor of Science.

Within the limits of the distribution and concentration requirements, course building is largely an individual matter between students and their advisers. Each department has worked out suggested curricula to assist students in selecting courses to meet certain objectives.

Advisers

The adviser is the medium of communication between the student and the faculty and may be consulted in all matters. Each year, the student must secure his adviser's approval of his study list.

When a student registers as a Freshman, he is assigned to a Freshman Adviser. Before the spring registration in his Freshman year, he is expected to choose his major field of study. The Head of the Department in his major subject will then become his adviser and continue as such throughout the remainder of his college course.

If, at the time of the spring registration, a student has not yet chosen his major field of study, or has not attained a scholastic average that would justify his acceptance as a major in the department of his choice, he may select as his temporary adviser, the head of the department in which he would like to major. If his work in the department later improves, he may then be accepted as a major.

Courses and Credits

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a

week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will be expected to do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written approval of the department delivered to the Registrar.

Schedule Limitations

The usual schedule is 15 semester hours in addition to basic Military Science or Physical Education. No student may carry fewer than 12 semester hours or more than 16 semester hours unless he has the consent of the *Scholastic Standing Committee*. A student enrolled at Gettysburg College may not carry courses concurrently at any other institution without the consent of the Faculty.

When the student has established clearly a valid reason for additional subjects, the *Scholastic Standing Committee*, of which the Dean is chairman, may allow extra hours, subject to the following restrictions:

1. A maximum of eighteen semester hours in addition to basic Military Science or Physical Education to a second-semester Freshman who has maintained a quality-point average of 2.00* during the first semester or to a Sophomore who has maintained an average of 2.00 during his Freshman year.
2. A maximum of eighteen semester hours to Juniors or Seniors who have maintained an average of 2.00 during the preceding year or twenty-one hours to those who have a 2.50 average.
3. A maximum of eighteen semester hours in either the Junior or Senior year (not both) even though the student's average may be below 2.00.

Requirements for the Degree of Bachelor of Arts

The degree of Bachelor of Arts may be conferred upon the student who completes 128 semester hours of work.

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points* as there are hours required for their graduation. No student may be graduated with a quality-point average of less than 1.00 in his major subject.

*See "Grading System," p. 58.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

The placement of students in the catalog class lists does not obligate the College to any specific graduation date.

Comprehensive Examinations

Every candidate for the bachelor's degree is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study. The comprehensive examinations are graded "passed," "passed with honors," or "passed with highest honors," and these grades are placed on the student's permanent record.

The comprehensive examinations consist of two three-hour written examinations plus either a third three-hour written examination or an oral examination, as determined by the department. The examinations are scheduled as follows:

1. For February graduates, during the first week following the Christmas vacation.
2. For June and August graduates, during the last week of April or the first week of May.

The exact dates of examination are published in the Calendar of this catalog.

Requirements for Teacher Certification

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by completing nine semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least 9 additional quality points. Normally, students in good standing can include these hours in their regular four-year schedule.

Requirements for Military Commission

A student who has successfully completed the advanced courses in Air Science or Military Science may qualify for a reserve commission in

the Armed Forces. A Military Science student honored with Distinguished Military Award may qualify for a regular or permanent commission in the Army. Air Force ROTC Graduates are not appointed in the Regular Force but are commissioned as 2nd Lieutenants in the Air Force Reserve. However, after 18 months of commissioned service on active duty, a Reserve Officer may apply for appointment in the Regular Air Force. Special consideration for appointment in the Regular Air Force is given Air Force ROTC Graduates who have been designated *Distinguished* Air Force ROTC Graduates.

Distribution Requirements for All Students

SUBJECTS	SEMESTER HOURS
English A (Freshmen)	6
Bible 1 (Freshmen)	6
General Education 1 (Freshmen)	6
General Education 2 (Sophomores)	6
Senior Comprehensive Examination	0
Military Science or Air Science or Physical Education —2 Years	8
Language: { French Spanish German Greek Latin	{ 6 semester hours above the "A" course in one 6-12
Philosophy Pol. Sci. and Econ. History Psychology Sociology	{ 6 semester hours in one 6
Latin Literature Greek Literature German Literature French Literature Spanish Literature English Literature	{ 6 semester hours in one 6 (Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses.)

Science :	}	1 full year course in each of two	14-16
Biology 1			
Chemistry 1			
Mathematics 1 or 2			
Physics 1 or 102	}		

Appreciation courses ¹ in two departments	4
Average total for distribution	68-76

Concentration Requirements for All Students

- 24 semester hours above "A" courses in a major
- 12 semester hours above "A" courses in a related minor²
- 12 semester hours above "A" courses in an unrelated minor²

As early as possible each student should select his major subject. In addition, he should select two minor subjects, one related to his major field (in the same group) and one not related (not in the same group).

With the permission of the major adviser, a second major may be selected no later than the beginning of the Senior year, the approval of the head of the second department having been received. A second major may be entered on College records if all requirements of both departments, including comprehensive examination requirements, are met.

The subjects are arranged in three groups as follows :

GROUP 1	GROUP 2		GROUP 3
English	Bible	Philosophy	Biology
French	Economics	Physical Education	Chemistry
German	Education ³	Political Science	Mathematics
Greek	Fine Arts ³	Psychology	Physics
Latin	History	Sociology	
Spanish	Music		

¹ These four hours may be selected from Dramatic Arts 1a, 1b, 1c; 1 Fine Arts 1, 2, 3, 4; Music 1, 2, 3; and English 18.

² This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

With the consent of the major adviser, a year course or its equivalent in each of two subjects within the group may be accepted as a minor.

³ Accepted for a minor only.

Required Freshman Program

SUBJECTS	SEMESTER HOURS
General Education 1	6
English A	6
Bible 1	6
Language ¹	6
Mathematics, or Economics 1 and 2, or a Science, or a second language, or Psychology 1, or Music 7	6-8
Military Science or Air Science or Physical Education	4
Total	34-36

Required Sophomore Program

SUBJECTS	SEMESTER HOURS
General Education 2	6
Military Science or Air Science or Physical Educa- tion	4
At least 2 courses selected from the following: Lan- guage, Mathematics, Science, or second Language	12-16
Two electives with at least one from the following: History, Philosophy, Political Science, Psychology, Sociology	12
Total	34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

Junior and Senior Program

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program shall contain at least

¹ Science and mathematics majors may postpone language to take both a science and mathematics.

two courses each semester outside the group in which the student's major falls, and that the Senior program shall contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Registrar will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

Preparation for Graduate Study

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

Cooperative Forestry Program

Gettysburg College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned the Bachelor of Arts degree from Gettysburg College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student electing to pursue this curriculum spends the first three years in attendance at Gettysburg College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendship with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke University offers forestry courses only to senior and graduate students, the student from Gettysburg College will find himself associating with a mature student body. He will be well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Dean of Admissions of Gettysburg College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Gettysburg. No application need be made to the School of Forestry before that time.

There is no fixed major or rigid curricular requirement for the three years at Gettysburg. However, the College recommends that students in the Forestry program come under the advisement of the Biology Department and use the following as a guide:

PRE-FORESTRY CURRICULUM AT GETTYSBURG COLLEGE

FIRST YEAR	HRS.	SECOND YEAR	HRS.
English A	6	General Education 2	6
General Education 1	6	General Chemistry 1	8
General Biology 1	8	Foreign Language 1	6
Mathematics 1a, 1b or 2	6	Economics 3	6
Bible 1	6	Electives	6
Phys. Ed. or ROTC	4	Phys. Ed. or ROTC	4
	—		—
	36		36

THIRD YEAR	HRS.
Foreign Language 2 or English Literature	6
General Physics 102	8
Appreciation Courses	4
Biology 6	3
Biology 7	3
Electives	12
	—
	36

The technical curricula at the School of Forestry of Duke University are available in duplicated form from the Dean of Admissions, Gettysburg College or in printed form from the Dean of the School of Forestry, Duke University, Durham, North Carolina.

Cooperative Engineering Program

The faculties of Gettysburg College and the School of Engineering of The Pennsylvania State University have established jointly an educational program of five years' duration, three in liberal arts at Gettysburg College and two in engineering at The Pennsylvania State University, leading to the award of an appropriate degree from each institution. This cooperative program has been created in an effort to fulfill the following objectives:

1. To provide a student with the advantages of a general education in a liberal arts institution as well as technological education in a school of engineering, through five years of study instead of six or more years that might be required if both degrees were obtained separately.
2. To permit a student whose aptitude for engineering may be uncertain, or whose decision between engineering and other disciplines may not yet be made, to study both arts and sciences during the first three years of college, during which time he can better determine whether his major interest and ability lie in the field of engineering.
3. To provide a student with a planned sequence of liberal arts courses which, if completed successfully, will guarantee him acceptance at an engineering school at times when student applications to such schools might exceed their capacity.
4. To permit qualified students to receive both a liberal and a technical education at relatively low cost and thus provide the Commonwealth and the nation with more critically-needed trained engineers.

The counseling, admission, and transfer of students in this 3-2 cooperative program are conducted through use of the following procedures:

1. Application for admission to the program is made to Gettysburg College and the candidate is subject to the admission requirements of that institution.
2. A student indicates his desire to follow the 3-2 program either at the time of his admission to Gettysburg or early enough in his pro-

gram there to permit him to complete all courses prerequisite to the Engineering course at The Pennsylvania State University, as well as all courses required for graduation from Gettysburg College.

3. Results of aptitude and achievement tests, scholastic records, and other pertinent information will be exchanged to aid both institutions in guiding and counseling students and prospective students.
4. At the end of the second semester of the third year, a student becomes a candidate for transfer if he has successfully completed all prerequisite courses, has maintained an over-all average of "C" (a Gettysburg quality point average of 1), and is recommended for transfer by the faculty of Gettysburg College.
5. At the close of the second semester of the third year the records of all students recommended for transfer are transmitted to the Dean of Admissions of The Pennsylvania State University and these students are automatically entered in the School of Engineering with junior standing.
6. Detailed information about the requirements for admission and the curriculum of this combined program may be obtained from the office of the Dean of Admissions of Gettysburg College.
7. An entering student planning to follow the 3-2 cooperative program is enrolled in the pre-engineering curriculum at Gettysburg College.
8. A student recommended for transfer is eligible to enter any of the following engineering curricula with junior standing :

Aeronautical Engineering	Electrical Engineering
Civil Engineering	Industrial Engineering
Sanitary Engineering	Mechanical Engineering
9. The 3-2 cooperative program does not prepare Gettysburg students for automatic transfer to any other technical curricula conducted at The Pennsylvania State University.
10. The individual courses of study in each curriculum for the work of the fourth and fifth years and the summers preceding and between them are published in the General Catalog of The Pennsylvania State University or can be obtained in duplicated form from the Dean of Admissions of Gettysburg College.

THE THREE-YEAR PRE-ENGINEERING CURRICULUM AT GETTYSBURG COLLEGE

is as follows:

FRESHMAN YEAR	HRS.	SOPHOMORE YEAR	HRS.
Mathematics 2	6	Mathematics 6	6
English A	6	General Education 2	6
General Education 1	6	Literature	6
Bible 1	6	Physics 102	8
Language 1	6	Psychology 1	3
ROTC	4	History 5	3
Descriptive Geometry	2	ROTC	4
Engineering Drawing	2		
	—		—
	38		36

JUNIOR YEAR	HRS.
Mathematics 9A	4
Mathematics 9B	4
Physics 2	6
Physics 13	3
Economics 3	3
English 5a, 5b	4
Chemistry 1	8
ROTC*	6
	—

*Elective

32-38

Parish Workers Cooperative Plan

Gettysburg College has entered into an arrangement with the Lutheran Deaconess Training School of Ruxton, Maryland, whereby young women planning to enter the full-time service of the church may receive the degree of Bachelor of Arts by attending Gettysburg College 3 years, then transferring to the Training School for 2 years of specialized training. It is understood that in order to be graduated, these students must meet all specific course requirements for the degree including the comprehensive examinations in their major field by the end of the 3-year period. The work completed at the Deaconess Training School will be accepted as the equivalent of the final year in college.

Detailed curricula of the last two years may be secured from either of the two Lutheran Motherhouses, *The Baltimore Deaconess Training School*, Boyce Avenue, Ruxton 4, Md., or *The Philadelphia Deaconess Training School*, 801 Merion Sq. Rd., Gladwyne, Pa.

*Requirements for the Degree of Bachelor of Science
in Health and Physical Education*

For those who wish to meet all the requirements of teacher certification in Health and Physical Education and at the same time to earn a reserve commission through the Reserve Officer Training Corps, the following curriculum leading to the degree of Bachelor of Science in Health and Physical Education is available:

FRESHMAN YEAR		SOPHOMORE YEAR	
Bible 1a, b	6	Psychology I	3
English A	6	Health and Physical Education 2, 5, 6, 10, 11, 18	16
Health and Physical Education I	4	Military Science or Air Science 2	4
Military Science or Air Science I	4	Education 1 and 2	6
Biology I	8	Electives	3
General Education 1 or 2	6	Total	32
Total	34		
JUNIOR YEAR		SENIOR YEAR	
Physics 1	8	Health and Physical Education 4, 13, 17, 19, 21, 22	15
History 6	6	Military Science or Air Science 4	6
Education 6	3	Education 5, 10, 11	12
Military Science or Air Science 3	6		
Health and Physical Education 3, 14	10		
Total	33	Total	33

Students completing this curriculum may be certified to teach both Health and Physical Education, and General Science.

Those students who do not take ROTC are strongly advised to complete the Health and Physical Education Curriculum leading to the degree of Bachelor of Arts.

Scholastic Rules and Procedures

Chapel Attendance

Chapel services are held daily, Monday through Friday, at 8:50 A.M. Each student is required to attend a minimum of one-half of the available chapel exercises each bi-monthly period, the exact number to be posted by the Dean.

When a student has incurred absences from chapel in any bi-monthly period totaling one more than half of the chapel exercises scheduled for that period, he will be penalized by the addition of one extra semester hour added to the requirements for his graduation. When absent four additional times, the student will be referred to the *Committee on Discipline*.

Through arrangements with the Dean, and with the approval of the *Committee on Discipline*, this extra hour penalty may be cancelled through make-up attendance during the second bi-monthly period. No cancellation of the extra hour penalty for the second bi-monthly period is possible.

Class Attendance

The student is expected to attend each class exercise unless his absence is excused by official authorization or by genuine necessity. Unnecessary absences are neither authorized nor approved.

The instructor is required to make a daily report of absences to the Office of the Dean. The instructor has full authority to penalize any absence from his class. He may also cause a student to be forbidden any further absences from his class (except the most imperative) by notifying the Dean that the student should be placed on "cut probation."

The further supervision and discipline of absences are vested in a *Committee on Absences*, of which the Dean is *ex officio* chairman. This *Committee* regards student absences as consisting of five kinds: (1) absences incurred through "authorized trips," (2) those incurred through

"prolonged illness," (3) those "taken for good reason," (4) those taken without justification, and (5) those incurred through lateness.

(1) Absences incurred through "authorized trips" are certified by the Dean as excused and are not penalized by his office. Absences thus excused include those of students traveling with recognized athletic, musical, dramatic, or forensic organizations, or as delegates to fraternal conventions; those due to family emergencies or important social obligations (such as weddings and funerals); and those made necessary by appointments with agents of the government or prospective employers. The Dean's permission should be obtained before such trips are made; in an emergency it may be issued after the event.

(2) "Prolonged illness" is defined as medically attested illness extending over three or more days and necessitating two or more absences from the same class. The Dean's office issues a certificate excusing such absences, and imposes no penalty.

(3 and 4) If a student incurs an absence not eligible for certified excuse, and presents the Dean's office with a satisfactory explanation, the absence will be recorded as "taken for good reason." If he presents no "good reason" the absence will stand in his record as unjustified.

(5) Lateness to class four times is regarded as one unexcused absence.

Although unnecessary absences are never approved, the student is allowed, in effect, a quota of unpenalized absences equal to the number of class meetings per week. These absences require no certification or excuse, but are expected to be used only for "good reason." Thus, the *Committee* imposes no penalties until a student's absences in any one course (excluding those due to "authorized trips" or "prolonged illness") total more than the weekly number of class meetings scheduled for that course. If it then appears that any absence has been incurred without justification, the student will be penalized for each absence in excess of the number of class meetings per week by the addition to his graduation requirement of one semester-hour's credit. When the number of absences (excluding those due to "authorized trips" and "prolonged illness") equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. Upon such dismissal, other penalties incurred for absence in this course are rescinded.

Absence from one or more classes within twenty-four hours of the beginning or end of a regular holiday or vacation will be penalized by the addition of one semester-hour to the graduation requirement, unless permission for such absence has been certified in advance or serious emergency has made such absence unavoidable. The *Committee on Absences* may excuse students who must work during the Pre-Christmas holiday season from the penalty hour under the following conditions:

1. No class absences will be excused. The students must save "cuts" for this purpose.
2. No students who are on Scholastic Probation will be permitted to leave the campus early because of work.
3. No students who have incurred deficiencies at mid-semester will be permitted to accept employment that involves absences from classes.

Grading System

GRADE	QUALITY POINTS	PERCENTAGES	DESCRIPTION
A	3	100-90	Excellent
B	2	89-80	Good
C	1	79-70	Fair
D	0	69-60	Poor, but passing
F	—	59- 0	Failing
I	—	—	Incomplete for reasons beyond student's control
W	—	—	Withdrew from course. No credit. Letter following W indicates standing at time of withdrawal.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

Quality Point System

Computations

Quality points are allowed according to grade for each semester hour as follows:

$$A = 3, \quad B = 2, \quad C = 1, \quad D = 0$$

When a finer computation is desirable, as in determining honors, the following is official:

$A+ = 3 \frac{1}{3}$	$B+ = 2 \frac{1}{3}$	$C+ = 1 \frac{1}{3}$	$D+ = \frac{1}{3}$
$A = 3$	$B = 2$	$C = 1$	$D = 0$
$A- = 2 \frac{2}{3}$	$B- = 1 \frac{2}{3}$	$C- = \frac{2}{3}$	

Grades I, W, and F are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades F and WF are counted as -1.

Minimum Requirements

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester	10
At the end of second semester	26
At the end of third semester	45
At the end of fourth semester	64
At the end of fifth semester	80
At the end of sixth semester	96
At the end of seventh semester	112
At the end of eighth semester	128 or a total equal
to the number of hours required for graduation.	

Conditions and Deficiencies

No credit is given for a subject reported as F or I. An I not removed by the completion of the work within one semester after the deficiency was incurred becomes an F, unless the *Scholastic Standing Committee*, because of the student's sickness or for an equally good reason, extends the time for removing the I. An F in a course for the first semester debars a student from the course during the second semester unless the department in which the F is incurred consents to the student's continuance. An F remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat an elective course which he has failed without the consent of the department concerned.

Probation

Limited Probation

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the

student on limited probation in the course for a period of two weeks. At the end of this period the teacher will ask the Dean:

1. that the probation be continued,
2. that the probation be removed, or
3. that the student be dropped from the course with a grade of F.

At the discretion of the teacher the limited probation may be removed before the end of the two-week period.

General Probation

A student is placed on general probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours of work in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on General Probation,

1. he is ineligible to represent the College in intercollegiate activities. He may not participate in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General probation cannot be removed before the expiration of one week.

Special Probation

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

Enforced Withdrawal

Gettysburg College expects all students to accept the responsibilities of mature men and women at all times and to consider carefully the in-

fluence of their conduct upon other members of the College family and the community. The College reserves the right of dismissal for conduct unbecoming to a student of Gettysburg College.

Reinstatement

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. Any reinstated student will be on general probation for one year.

College Life

Living Facilities

Dormitory accommodations. New students wishing to live in one of the College dormitories must fill out a room application form and mail it to the Business Manager together with the advance fee. Women students, except those living at home, are required to room under dormitory supervision. Old students make room applications to the Dean of Men or to the Dean of Women.

Dormitory Furnishings. Each room contains a single bed, a mattress, a dresser, a study desk, and a chair for each student. Pillows, linens, blankets, study lamps, draperies, and other accessories must be furnished by the student. Pictures and other decorations may be suspended only from the molding.

Rooms in Fraternity and Private Homes. In addition to living quarters in the Dormitories and Housing Units, there are rooms for many upperclassmen in their respective fraternity houses. Other upperclassmen live in private homes throughout the community. Rates and furnishings in private homes are agreed upon by the persons concerned.

Dining Facilities. The College maintains a dining room in Huber Hall, at which all women students except those living at home are required to take their meals. Each fraternity operates its own dining hall. Men students and wives of students may arrange to take their meals at Huber Hall.

Automobiles

All students who desire to drive automobiles to, from, or on the Gettysburg College campus are required to register them with the office of the Dean of Men. Since parking space is limited, it is necessary to enforce certain regulations governing the driving and parking of automobiles on the campus. A detailed statement of the regulations will be issued from the office of the Dean of Men at the time of registration.

Counseling

Orientation Week. During the first week of the fall term new students participate in a special program designed to help them become adjusted to their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, achievement and placement tests, social meetings with members of the Faculty, and trips to nearby points of interest. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide for him an education suited to his needs.

Orientation Program. As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year to assist them in solving the more personal problems of campus life.

Curriculum Advisement. After the Freshmen have tentatively selected their first-year courses, the Registrar assigns them to Freshman Advisers, who assist with formal registration and, after the Orientation Week tests are finished, discuss and authorize course changes. Working under the direction of the Dean of Men, the Freshman Advisers issue grade reports to their advisees and assist them in determining their major fields of study.

At the end of the Freshman year, students elect major fields and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

The Dormitory System. Under the guidance of carefully selected and well-trained Student Counselors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but is designed to give training in the principles of cooperative living.

Student Counseling Service. Under the direction of the Guidance Counselor, assisted by the Dean of the College, the Chaplain, the Dean of Men, the Dean of Women, and the College Physician, a guidance service is available to assist students with educational, vocational, social, and personal problems. This work is carried on by means of personal interviews and standard psychological tests. The guidance service is provided free to all students. They may seek it voluntarily or may be referred to it by Advisers or other Faculty members. Study clinics are held from time to time as the need for them may arise.

Veterans' Testing Service. Gettysburg College is an official center for the Veterans' Testing Service of the United States Armed Forces Institute, popularly known as USAFI. The College administers, scores, and certifies the official forms of the General Education Development (GED) tests. No charges are made for administering these tests to Gettysburg College students. There is a charge of \$3 for the GED series of five tests administered to persons not registered in the College at the time of the testing. All requests for GED tests should be addressed to the Registrar.

Remedial Reading

Since a student's success in college depends largely upon his ability to comprehend and evaluate written materials, a non-credit course designed to enable the student to increase his reading efficiency, both in comprehension and in speed, is offered to all students each semester, without additional tuition charges.

When a student is having scholastic difficulties due to a reading deficiency, the *Committee on Scholastic Standing* may require the student to attend under the regular class attendance rules the remedial reading course as a condition for his remaining in college. It may also require him to withdraw from one of his other courses if it is deemed advisable.

Lectures and Concerts

The College annually secures widely known scholars, travelers and outstanding figures in public life to speak on topics of interest to the students and to the community as well as artists and artist groups to give concerts to the College community. Student admission to these lectures and concerts is free.

The 1954-1955 series includes the following: Organ Recital, *J. Herbert Springer*; Oratorio, "Job, Man of God," *Catherine D. Baxter and Choirs*; Lecture, "The Near East—Resurrection or Insurrection," *Dr. S. E. Gerard Priestly*; Recital, *William Warfield*, Baritone; Christmas Concert, *Gettysburg College Choir*; Concert, *Corelli Ensemble, Italian string and piano group*; Lecture, "The Meaning of Great Literature," *Frederic Prokosch*; Recital, *James de la Fuente*, violinist, and *Herbert Stessin*, pianist.

Bell Lectureship. A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, was given to the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men.

The main object of this foundation is "to keep before the students of the College the demand for men of the Christian ministry and the conditions of the age qualifying that demand."

Stuckenberg Lectureship. Mrs. Mary G. Stuckenberg gave a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics.

Music

The Band is composed of approximately fifty members and performs as a marching unit at football games both on campus and away, and at parades and other school and community functions throughout the fall term. During the spring the band performs mainly in concert. Students whose interest is primarily in concert band work, as well as those who play instruments unsuited to the marching band, may take part in only the second semester if they so desire.

The Gettysburg College Choir is an organization of approximately fifty young men and women. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in the Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

Service with all musical organizations sponsored by the College is recognized by suitable insignia awarded at the end of a designated period of service.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

Dramatics

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative new plays a year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, short plays, presented from time to time, provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

It is expected that in the near future the main floor at Brua Hall, remodeled for dramatic purposes, will be available to the group for use as a "little theatre."

Religious Life

One of the objectives of Gettysburg College is to create an environment where a student may grow spiritually. The College thinks of itself as a Christian community. As a church-related school, Gettysburg College strives to develop a Christian way of life among the students and faculty. Some of the channels through which students may express their Christian faith are:

Church Services. Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

Chapel Services. Daily services are held in Christ Chapel, Monday through Friday at 8:50 to 9:15 A.M. under the direction of the Chaplain. Many guest clergymen are invited to preach. The Student Christian Association plans and conducts some of the services. A Chapel Choir under the direction of the College organist assists in the worship service.

Student Christian Association. The Student Christian Association is a fellowship of students and faculty dedicated to the development of Christian character. This organization, founded in 1867, functions today through a wide variety of projects including weekly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, most of them held in Weidensall Hall. The SCA welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the advisement of the College Chaplain and three Faculty advisers. The SCA is the only group permitted to hold regular religious meetings on the campus.

Vespers. Every evening (except Saturday) from 10:00 to 10:30, there is a quiet hour in Christ Chapel. A student organist plays softly, and worshippers come and go as they like. There is no service—just a quiet time at the close of day.

Chaplain. The College chaplain is available at all times for counseling. His office is in the SCA building and his home is on campus.

Religion-in-Life Week

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussions on some thought-provoking religious theme. This program is known as "Religion-in-Life Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the College.

Publications

The Alumni Bulletin, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

The Gettysburg College Bulletin, Catalog Issue is published in February of each year.

The Gettysburg College Summer Session Catalog is published in March of each year.

The Gettysburgian, edited by a staff of students, is published weekly during the College year and prints chiefly College and alumni news and opinions.

The G-Book, sponsored by the SCA and issued at the opening of each College year, gives valuable information and suggestions to incoming students.

The Mercury, a magazine published by the students of the College, is under the supervision of the English Department and seeks to encourage creative writing by the students.

The Spectrum, an annual published by the undergraduates, contains pictorial representations of the College with its various organizations, activities, and surroundings, and information about students.

The Woman's League Bulletin, published in December of each year, is a summary of the work of the League for that year.

The purpose of all the publications is to improve communication between the College and its graduates, former students, and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the institution.

Radio Workshop

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs on a regular schedule during the College year.

Debating

There are two debating clubs, one for men and one for women. Each group engages in a number of debates each season with various colleges.

The Student Chest

On petition from the Campus Senate, representing the student body, the Board of Trustees adopted a system known as the Student Chest for coordinating the finances of student organizations. This system eliminates requests and campaigns for money by student groups. The fee for this fund is included in the Comprehensive Fee. The fund is distributed under the direction of the *Student Chest Committee* to the various student organizations.

The Campus Senate

The Campus Senate, with a membership of about twenty-four, consists of four members of the Faculty and one student representative from each of the living groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts each fall a Freshman campfire, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

The Inter-Fraternity Council

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, acts as the coordinating agency in fraternity affairs and activities. This group sponsors the inter-fraternity dances, establishes rules for rushing, and conducts a general program designed to promote harmonious relations among the fraternities.

The Pan-Hellenic Council

The Pan-Hellenic Council is composed of a Senior and a Junior member from each of the four national sororities represented on the campus. The Council, functioning as a governing body, regulates inter-sorority relations and fosters harmony between sorority and independent women.

Phi Beta Kappa

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of 10 per cent of the Senior class may be elected to this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

Fraternities, Sororities, and Societies

National Social Fraternities and Sororities

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the College, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities, and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are 12 national fraternities and four national sororities.

Alpha Tau Omega
Alpha Xi Delta
Chi Omega
Delta Gamma

Kappa Delta Rho
Lambda Chi Alpha
Phi Delta Theta
Phi Gamma Delta

Phi Kappa Psi
 Sigma Nu
 Phi Mu
 Phi Sigma Kappa

Sigma Alpha Epsilon
 Sigma Chi
 Tau Kappa Epsilon
 Theta Chi

Local Organizations

The Lambda Nu Society

Independent Men

National Honorary and Professional Fraternities and Sororities

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air ROTC.

Beta Beta Beta: a fraternity for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.

Pershing Rifles: a military society for students in the Basic Course of Army ROTC.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army ROTC.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

Local Honorary and Professional Clubs

El Circulo de Español: a club fostering the study of Spanish and Spanish-American culture.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the Faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Français: a club offering an opportunity to acquire fluency in speaking French.

Pen and Sword: a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.

Pre-Ministerial Association: an organization for students preparing for the ministry.

Sceptical Chymists: an organization of students in Chemistry.

Tertulia Española: a club encouraging fluency in speaking Spanish.

Other Organizations

Alpha Phi Omega: a national service fraternity, composed of former Boy Scouts, pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club: a club consisting of representatives of various campus groups originated to stimulate College spirit and athletic interest within the student body.

Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.

Independent Men: an organization designed to provide for the general welfare of those men who are not members of fraternities.

Independent Women: an organization of non-sorority women designed to promote the social welfare of its members.

International Club: a club dedicated to the promotion of world peace.

Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.

Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.

Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

Athletics

Intercollegiate Athletics

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an advisory committee on athletics to confer at stated times with those responsible for the athletic program.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, cross-country, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

All full-time students are admitted without charge to all contests held on the campus.

Intramurals

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and independent groups.

The Intramural Program for Men is conducted under the supervision of a faculty director, assisted by the physical education majors, and an advisory council consisting of one representative from each participating group. The program of activities includes touch football, volleyball, basketball, tennis, swimming, bowling, and softball.

The Intramural Program for Women is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a sports board comprised of student managers for each sport, includes as members all women students.

Competitions are arranged among the sororities and the independent women in field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

Student Health Service

In order to be informed adequately of the state of health of each new entrant as soon as he begins his College career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation and an additional report for each year of attendance.

A student Health Service is maintained for the benefit of all students. Included as part of the service is a well-equipped Infirmary,

staffed by a Medical Director and Registered Nurses. This service entitles each student to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those normally eating elsewhere pay \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor optical or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

Placement Service

Teacher Placement. The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

College Placement. The College operates a general placement service for its students and alumni. The Guidance Counselor, in cooperation with the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Guidance Counselor early in their Senior year.

Departmental Placement. The Administration and Advisers informally assist students in securing employment or placement in graduate school.

Honors, Prizes, and Scholarships

Senior Honors

The following honors are awarded at the close of each academic year to members of the graduating class under the conditions stated below:

Valedictorian. The highest scholastic average during the last three years, the Senior Comprehensive Examination passed "with highest honors," attendance during the entire four years.

Salutatorian. The second highest scholastic average during the last three years, the Senior Comprehensive Examinations passed "with highest honors," attendance during the entire four years.

Summa cum laude. Senior Comprehensive Examination passed "with highest honors," four-year quality point average of 2.75 or higher.

Magna cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.50 or higher.

Cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.30 or higher.

Summa cum laude, magna cum laude, and cum laude are based on four year records and are primarily for students with four years of residence at Gettysburg College. However, upon the recommendation of the Registrar, the *Scholastic Standing Committee* may grant these honors to transfer students who have satisfied the conditions of the honor during at least two full years of residence at Gettysburg and who have presented excellent transfer grades.

Departmental Highest Honors. Recommendations by the major department, a quality point average of 2.75 or higher in the major subject during the last three years, presentation of a thesis (or its equivalent) satisfactory to the department, Senior Comprehensive Examinations passed "with highest honors."

Departmental Honors. Recommendation by the major department, a quality point average of 2.50 or higher during the last three years in the major subject, Senior Comprehensive Examinations passed "with highest honors" or "with honor."

A transfer student with at least two full years of residence at Gettysburg is eligible for *Departmental Highest Honors* or *Departmental Honors* on the basis of grades attained at the College if he meets all other conditions.

Other Honors

Class Honors for Freshman, Sophomore, Junior, and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of A in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of A in at least half of the work of the year and do not have a grade below B in any of their studies for the year.

Dean's Scholastic Honor List. Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence. The list of students so honored is published in the *Gettysburgian* and on the bulletin board.

Basic courses in the required Physical Education or Reserve Officers' Training Corps are not considered in computations for honors and prizes.

Advanced credits granted to veterans for work in United States Armed Service Schools will be counted as residence credits in awarding all honors.

These awards are published in the Commencement Programs and the Catalog issues of the *Bulletin*.

Prizes

The following prizes are offered annually for outstanding scholarship and achievement:

Baum Mathematical Prize: The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

The Charles W. Beachem Athletic Award: The Student Christian Association presents each year an award in the form of a cup, in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior class.

Chi Omega Social Science Award: The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

Class of 1916 Prize: The sum of \$25 is awarded to the Sophomore who has given most to the College.

Delta Gamma Alumnae Association Award: The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

Delta Phi Alpha Prize: A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

Edwin and Leander M. Zimmerman Senior Prize: The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

Franklin Moore Award: This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal activities has contributed the most toward campus morale and the prestige of Gettysburg College.

Graeff English Prize: This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on an assigned subject.

Hassler Latin Prize: The income from a fund of \$500, contributed by Charles W. Hassler, is annually awarded to that student of the Junior class who, at the end of the year, is rated as the best Latin student.

John Alfred Hamme Award: Established in 1948-49 by John Alfred Hamme, York, Pa., three awards of \$50 each to the three Juniors who

have demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

Military Memorial Prize: The income from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is to be awarded annually to the student who has attained the highest standing in either the first or second year of the Advanced Course as a member of the Reserve Officers' Training Corps.

Muhlenberg Freshman Prize: The income of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

Nicholas Bible Prize: The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

Phi Sigma Iota Prize: The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

Samuel Garver Greek Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

Samuel Garver Latin Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

Samuel P. Weaver Scholarship Foundation: Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this foundation awards the sums of \$50 and \$25 to those two members of the student body who write the best essays on an assigned topic in the field of constitutional law and government.

Sceptical Chymists Prize: The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

Stine Chemistry Prize: The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Note: Only students who have been in attendance during all of the period for which prizes are designated are eligible for the awards.

Scholarships and Aid for Students

Qualifications for a Scholarship. In granting aid, the *Committee on Scholarships* is governed primarily by *character, need* for assistance, and *academic ability*. In addition, the Committee may consider promise of a contribution to the College through outstanding service.

Because the fundamental purpose of a scholarship at Gettysburg College is to assist worthy students who otherwise could not attend except by undue sacrifice on the part of the parents in securing a college education, the principal emphasis in a grant is on the *need* of the applicant. Some preference is given where two or more children from the same family are attending Gettysburg College simultaneously. Under certain conditions, the children of ULCA clergymen, not receiving aid from other sources, may be granted a discount in tuition.

Application for a scholarship. New students may receive the Application for a Scholarship Form from the Dean of Admissions along with the Application for Admission. Preferably both applications should be presented at the same time; however, the Committee continues to consider scholarship grants until the deadline of July 1.

Students renewing applications or old students presenting applications for the first time may receive application forms from the Chairman of the *Committee on Scholarships*. Those applications must be returned to the Chairman not later than May 1.

Conditions of a Scholarship Grant:

1. Scholarships are awarded for one year at a time. Ordinarily they are renewable, upon application, if the original conditions continue.

2. Scholarship aid is never granted to a student for more than eight semesters. There are no scholarships available during a Summer Session.
3. No student placed on probation for any reason may continue to hold a scholarship.
4. The amount granted for a scholarship is applied as a credit on the College bill.

Types of Scholarships

The following sections describe the types of scholarships and other forms of aid available. All are granted under the qualifications and conditions previously explained.

General College Scholarships

The returns from an endowment and funds from other sources have been set aside to assist worthy students. New students should apply for College scholarships, for rarely can they qualify for the special conditions called for in the Endowed Scholarships. These College Scholarships are granted in various amounts according to the need of the student, but never for more than that portion of the Comprehensive Fee allocated for tuition.

Competitive Scholarships

The College offers twenty-five scholarships granted on the basis of competitive examinations to high school seniors who rank academically in the upper quarter of the graduating class and who have an unqualified character recommendation from their school.

These scholarships range from \$475 annually for each of four years for a total of \$1,900 each down to \$100 annually for each of four years for a total of \$400 each. These examinations are administered at Gettysburg College only. The 1955 date is March 19. The 1956 date will be announced early in the school year 1955-1956.

Endowed Scholarships

Endowed funds have been set up for the award of scholarships under the conditions described in each of the following grants:

Frank D. Baker Bequest: The sum of \$300 annually is available through the generous bequest of Frank D. Baker to aid students in immediate need of financial assistance. This fund is to be administered by the President of the College.

Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund: The income from \$2,500 donated by the Woman's League of Gettysburg College is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

Dr. Ray Alfred Barnard Scholarship Fund: The income from \$1,200 is to be given each year to a male student of Gettysburg College who shall be a member of the Lutheran Church, who is preparing for the ministry in the Lutheran faith, and who shall also be a member of the Central Pennsylvania Synod of the United Lutheran Church in America.

Bateman Scholarship: The Rev. Sydney E. Bateman, M.D., Class of 1887, established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry.

Jessie E. Benner (1907) and Minerva B. Benner Scholarship Fund: The income from \$10,000 is to be used to aid worthy students financially in need. The student or students to be aided shall be preferably, but not necessarily, those studying for ministry of the Gospel.

Blough Scholarships: Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund of \$5,000. The income from this fund is to be used to aid needy and deserving students.

Cambridge Rubber Foundation Scholarship: Funds made available through the generosity of the Cambridge Rubber Foundation, Inc., provide a sum of \$200 per year to be granted to one or two entering Freshmen. In rare instances this sum may be granted to an upperclassman if, in the opinion of the Committee on Scholarships, the upperclassman is better qualified and more deserving.

Class of 1913 Scholarship Fund: The income from a fund of \$3,000 is to be given each year to a needy and deserving student.

Class of 1918 Scholarship Fund: The income from a fund of \$3,655 is available each year for a needy and deserving student or students.

Jacob Charles and Rosa Bott Eisenhart Scholarship: The income on a fund of \$6,500, established by the J. C. Eisenhart Wall Paper Company, is available each year toward the payment of the tuition of deserving students preparing to become Lutheran Missionaries, or who plan to attend a Lutheran Seminary.

Clarence A. and Myrtle B. Eyler Scholarship: The income on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

Margaret E. Fisher Memorial Fund: Nelson F. Fisher, M.D., '18, contributed a fund of \$6,000 in memory of his mother, Margaret E. Fisher, the income on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

Dr. D. F. Garland, '88, Scholarship: The income from a fund of \$500 will be given each year toward the payment of the tuition of deserving young people preparing for the Lutheran ministry.

The Henry W. A. Hanson Scholarship Foundation: This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient is chosen from the members of the Senior class who expect to enter graduate school in preparation for college teaching. The applicant must have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior class is chosen, the Committee may select a member of a previous class. The grant is the income from a fund of \$8,911.

Kirschner Scholarships: Mr. and Mrs. C. J. Kirschner established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

Lutheran Brotherhood Scholarship: A scholarship established by the Lutheran Brotherhood Life Insurance Society to be presented to a Junior Lutheran student at the time of his registration as a Senior. This

student must, in the opinion of the *Committee on Scholarships*, be outstanding in religious leadership and scholastic ability and other qualifications determined by the Committee.

Dr. John E. Meisenhelter Scholarship: This award is the income from a bequest establishing a scholarship amounting to \$300 a year. The principal is held in the permanent Endowment Fund.

J. Elsie Miller Scholarship: The income on a fund of \$5,000, bequeathed by J. Elsie Miller, is available each year toward the payment of the tuition of deserving young men preparing for the Lutheran ministry.

Miller-Dewey Education Fund: The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans Home have the first claim on these scholarships.

McCollough Scholarships: These scholarships were established in memory of Charles B. McCollough, Jr., by his parents, Mr. and Mrs. Charles B. McCollough, Sr., and his great uncle, Mr. H. B. Earhart. The income from a fund of \$17,143.75 is awarded annually to two men and two women at Gettysburg College on the basis of character, need, and ability.

C. H. Musselman Company Scholarship: Funds made available through the generosity of the Musselman Foundation provide two four-year scholarships in the amount of \$625 per year. If more than two applicants should meet the general qualifications for this scholarship, preference shall be given to the applicant who has selected or signifies his or her intention of selecting chemistry or business administration as the major course of study. This factor shall be disregarded if no applicant has selected or signified his or her intention of selecting either chemistry or business administration as the major course of study.

Nellie and Bernard Oller Memorial Scholarship: The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

Lovina Openlander Scholarship: The income from \$3,000 is to be

used for providing scholarships in the amount of \$50 each to aid young men or women who are in need of financial assistance in order to continue their College work.

Parent Education Society Scholarship Loans: The Parent Education Society of the Evangelical Lutheran Church in the United States many years ago placed \$5,000 in the Endowment Funds of the College, the income from which is to provide ten scholarship loans each year valued at \$20 each. These scholarship loans may be granted to one or more persons selected by a committee comprised of the President of Gettysburg College and the President of the Lutheran Theological Seminary of Gettysburg.

The person or persons selected must be bona fide students for the ministry, and meet all the requirements for recipients of scholarships. The amount granted will be used to meet the tuition cost of the student and he will be asked to sign a promissory note which will be automatically cancelled after the recipient serves two continuous years in the ministry.

Edgar Fahs Smith Memorial Scholarship Fund: The income from a fund established by Margie A. Smith to be used to pay the tuition of one or more deserving students specializing in chemistry. This scholarship is held in abeyance under the terms of the bequest to allow the growth of the principal to the necessary amount.

Stine Scholarships: Charles M. A. Stine, Ph.D., Sc.D., LL.D., Class of 1901, established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

Rufus B. Weaver Scholarship Foundation: The income from a fund of almost \$20,000 established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

Wellington Scholarship: The income on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

Synod of West Virginia: The Synod of West Virginia of the United Lutheran Church in America has made available two scholarships in the amount of \$225 each. These scholarships are available to young

men or women who are active members of a congregation of the Synod of West Virginia, are enrolled as entering Freshmen, and have stood in the upper third of their graduating high school class.

These scholarships are awarded by the Synod Scholarship Committee. All applications should be sent to this committee. Address all communications to The Reverend George W. Schillinger, D.D., Chairman, Committee on Scholarships, 1596 Lee St., Charleston, W. Va.

Loan Fund

Alumni Loan Scholarship Fund: By resolution of the Alumni Council a portion of Loyalty Fund collections (in the amount of \$8,019) has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class is graduated from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum.

Class of 1909 Fund: A revolving fund amounting to about \$2,000 has been established by the Class of 1909 for the purpose of aiding worthy students.

Rothfuss Loan Scholarship: E. Lloyd Rothfuss, M.D., Class of 1916, established a memorial to his father and mother, Charles H. Rothfuss and Martha Huffman Rothfuss, in the form of a \$5,000 loan scholarship fund. This fund is to be administered under terms similar to those of the *Alumni Loan Scholarship Fund*.

Reserve Officers' Training Corps

Students enrolled in the Reserve Officers' Training Corps receive uniforms from the Department of Defense during the Elementary Courses. Students enrolled in Advanced Courses of ROTC receive garrison rations plus the necessary uniforms (a total of about \$700 in two years including one six weeks' summer camp).

Self-Help Opportunities

Gettysburg College is prepared to grant work opportunities to a limited number of deserving students. A work opportunity is a guarantee that there will be available enough work on the campus for the recipient to earn a sum equal to the amount granted.

If studies or illness interfere with the completion of the assigned work, the College will credit the unearned portion to the student's account as if earned.

Work-in-Town Opportunities

Each year students take part-time work in the community. The College assists some students in work placement, but takes no direct responsibility.

Courses of Instruction

General Education Courses

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the departmental isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer (and creator) of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses. The first two are required of all A.B. students.

1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MESSRS. BLOOM, CRAPSTER, DARRAH, DUNKELBERGER, FORTENBAUGH, GLATFELTER, HELMRICH, L. JOHNSON, P. JOHNSON, LANGERHANS, MARA, RICHARDSON, SCHUBART, and SMOKE

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages.

Six semester hours credit.

Required of all A.B. Freshmen. Three hours, throughout the year.

2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MESSRS. AHRENS, DARRAH, GEYER, HELD, LINDEMAN, MASON, PICKERING, SHAFFER, SUNDERMEYER, and WOLFINGER; and MRS. TAYLOR

An introduction to the ideas and forms of Western thought, presented through reading and interpretation of selected classics: Homer through St. Augustine and Dante through Goethe.

Six semester hours credit.

Required of all A.B. Sophomores. Three hours, throughout the year.

3. WORLD LITERATURE SINCE 1830

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

Six semester hours credit.

Elective for Juniors and Seniors. Three hours, throughout the year.

Departmental Courses

Bible

(Biblical Literature and Religion)

Professor WALTEMYER, *Associate Professor* DUNKELBERGER, *Assistant Professor* FREED, and *Lecturer* MOORE

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Students majoring in this department are required to have a minor in Greek or Latin.

1a. OLD TESTAMENT HISTORY

MESSRS. DUNKELBERGER,

FREED, MOORE, and WALTEMYER

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ.

Three semester hours credit.

Required of all Freshmen. Three hours, first semester.

1b. LIFE OF CHRIST

MESSRS. DUNKELBERGER,

FREED, MOORE, and WALTEMYER

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance.

Three semester hours credit.

Required of all Freshmen. Three hours, second semester.

4. CHURCH HISTORY

MR. DUNKELBERGER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

Three hours, throughout the year.

Six semester hours credit.

6. EVIDENCES OF CHRISTIANITY

MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history; deals with the questions which arise in the effort to intellectualize the content of the Christian revelation.

Three semester hours credit.

Three hours, second semester. Alternates with Course 15.

Not given 1955-1956.

8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day.

Three semester hours credit.

Three hours, second semester.

10. NEW TESTAMENT HISTORY AND LITERATURE

MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul.

Three semester hours credit.

Three hours, first semester.

12. THE HEBREW PROPHETS

MR. FREED

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order.

Two semester hours credit.

Two hours, first semester.

13. CONTEMPORARY RELIGIOUS THOUGHT

MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases today.

Three semester hours credit.

Three hours, first semester.

14. INTRODUCTION TO RELIGIOUS EDUCATION

MR. WALTEMYER

The principles and methods of religious education applicable to the Sunday School, the Week-day Church School, and the Daily Vacation Bible School. The members of the class will conduct a Week-day Bible School in Christ Lutheran Church. A limited number of Junior and Senior students will be accepted.

Six semester hours credit.

Prerequisite: Twelve semester hours of Bible.

Three hours, throughout the year.

15. PSYCHOLOGY OF RELIGION

MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development.

Two hours, second semester.

Two semester hours credit.

16. THE GOSPEL OF JOHN

MR. FREED

The chief emphasis will be given to the thought and content of the gospel itself. An effort will be made to discover some of the various forms of the thought background of the gospel, especially that of the Old Testament. There will also be some study of the gospel in its relationship to the Synoptic Gospels and to the First Epistle of John.

Three hours, second semester.

Three semester hours credit.

Biology

Professor BOWEN, Associate Professor MESSER, Assistant Professor HENSLEY, Instructors MUMA and GARDNER, Lecturer DARRAH, and Assistants

The courses in this department are designed to provide an understanding of the basic principles of general and comparative biology. Emphasis is placed on the following features: the cultural values of biological science; correlation of biology with sociology, psychology, and related studies; biological principles in relation to human life; fundamental training for students who plan to enter schools of medicine, dentistry, nursing, forestry, laboratory technology, or other professional biological fields.

Requirements for a major include a minimum of 32 semester hours, as approved by the adviser. A premedical major in Biology includes Biology 11, 12, 23, 31, 33 and such other courses in Biology, and in Physics, Chemistry, English, and modern foreign languages as are arranged with the adviser.

1. GENERAL BIOLOGY

MESSRS. GARDNER, HENSLEY, MESSER,

MUMA, and ASSISTANTS

Basic principles of structure and function in plants and in animals, including man.

Eight semester hours credit.

Three class hours and three laboratory hours, throughout the year.

11. GENERAL BOTANY

MR. DARRAH

An introduction to the biology of plants, presenting basic principles and emphasizing the position of plants in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

12. GENERAL ZOOLOGY

MR. MUMA

An introduction to the biology of animals, presenting basic principles and emphasizing the position of animals in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

21. VERTEBRATE ZOOLOGY

MR. MESSER

Representative vertebrates, with special emphasis upon structure, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals.

Four semester hours credit.

Prerequisite: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester.

23. COMPARATIVE ANATOMY OF VERTEBRATES

MR. MESSER

Detailed examination of the origins, structure, and functions of the principal organs of typical fishes, amphibians, reptiles, birds, and mammals. Special at-

tention is given to the progressive modification of organs from lower to higher vertebrates. *Eight semester hours credit.*

Prerequisite: Biology 1 or 11 and 12.

Three class hours and three laboratory hours throughout the year.

24. BOTANY

MR. GARDNER

The identification and classification of plants; the origin and distribution of plants; the importance of plants in human affairs, including history, culture, and social customs. Emphasis on field work. *Three semester hours credit.*

Prerequisite: Biology 1 or Biology 11. Two class hours and three field or laboratory hours, second semester.

25. CONSERVATION

MR. HENSLEY

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Three semester hours credit.*

No prerequisites. Two class hours, and field trips as arranged, first semester.

Alternates with Course 27.

Not given 1955-1956.

26. FIELD WORK IN BIOLOGY: ORNITHOLOGY

MR. HENSLEY

The identification and distribution of plants and animals and the mutual relations between organisms and their environment. Emphasis upon ornithology.

Prerequisite: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, second semester. *Three semester hours credit.*

Alternates with Course 28.

Not given 1955-1956.

27. ECOLOGY

MR. HENSLEY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations. *Three semester hours credit.*

Prerequisite: Biology 1 or 11 and 12. Two class hours, and field trips as arranged, first semester.

Alternates with Course 25.

28. FIELD WORK IN BIOLOGY: HERPETOLOGY

MR. HENSLEY

The identification and distribution of plants and animals, and the mutual relations between organisms and their environment. Emphasis upon herpetology.

Prerequisite: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, second semester. *Three semester hours credit.*

Alternates with Course 26.

31. MICROSCOPY AND MICROTECHNIQUE

MR. BOWEN

Theory and use of the microscope and other types of optical instruments; the handling of microscopic objects; the techniques of preparing materials for microscopic investigation.

Prerequisites: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester. *Four semester hours credit.*

32. HISTOLOGY

MESSRS. BOWEN and MUMA

The microscopic structure, origin and function of individual cells, the fundamental tissues, and the principal organs of the animal body.

Prerequisites: Biology 1 or 11 and 12 and Biology 21 or 23. Three class hours and three laboratory hours, second semester. *Four semester hours credit.*

33. EMBRYOLOGY

MESSRS. BOWEN and MUMA

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development.

Prerequisites: Biology 1 or 11 and 12 and 21 or 23. Three class hours and three laboratory hours, first semester. *Four semester hours credit.*

36. MAMMALIAN ZOOLOGY

MR. MESSER

Detailed structure of a typical mammal and an introduction to human anatomy and physiology. *Four semester hours credit.*

Prerequisites: Biology 21 or 23. Three class hours and three laboratory hours, second semester.

41. GENERAL MICROBIOLOGY

MR. BOWEN

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa. *Four semester hours credit.*

Prerequisites: Biology 1 or 11 and 12 and 31. Three class hours and three laboratory hours, first semester.

Not given 1955-1956.

43. PRINCIPLES OF HEREDITY

MR. BOWEN

The fundamental principles of heredity as observed in common plants and animals, including man, and the relationships between heredity and development, physiology, and evolution.

Prerequisites: Biology 1 or 11 and 12. Two class hours, first semester.

44. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time. *Two semester hours credit.*

No prerequisite. Two class hours, second semester.

45. GENERAL PHYSIOLOGY

MR. BOWEN

The structural and functional bases of plant and animal reactions; the mechanics and dynamics of living matter.

Four semester hours credit.

Prerequisites: Biology 1 or 11 and 12 and 21 or 23. Three class hours and three laboratory hours, second semester.

51. BIOLOGICAL SEMINAR

STAFF

A survey of the field of biology; the history of biology; the use of scientific publications, including recent biological texts and current journals.

Course advised for Junior or Senior Biology majors. Two class hours throughout the year.

Four semester hours credit.

Not given 1955-1956.

55. PROBLEMS IN BIOLOGY

STAFF

An introduction to special techniques and methods in biological investigation. Offered to Junior or Senior Biology majors who have the approval of the department for this particular course.

Maximum credit of four semester hours each semester.

Hours and credit as arranged.

Chemistry

Professors ZINN and SLOAT, Associate Professor WEILAND, and Assistants

Requirements for a major include 1, 2a, 2b, 4, and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors will take advanced courses according to their needs and upon the advice of the head of the department.

1. GENERAL CHEMISTRY

MESSRS. SLOAT, WEILAND,

ZINN, and ASSISTANTS

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems.

Eight semester hours credit.

Two lectures, one recitation, and three laboratory hours, throughout the year.

2a. QUALITATIVE ANALYSIS

MR. WEILAND

Comprehensive study of chemical equilibrium and its application to inorganic qualitative analysis. Laboratory is on a semimicro scale.

Prerequisites: Chemistry 1 and Mathematics 1 and 2. Two lectures and six laboratory hours, first semester.

Four semester hours credit.

2b. QUANTITATIVE ANALYSIS

MR. WEILAND

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.
Four semester hours credit.

3. ADVANCED ANALYTICAL CHEMISTRY

MR. WEILAND

Discussion and laboratory practice of gravimetric separations, volumetric and colorimetric analysis, and organic combustion methods.

Recommended to prospective graduate students and industrial chemists.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.
Four semester hours credit.

4. ORGANIC CHEMISTRY

MR. ZINN

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and technique of preparation in the laboratory.

Prerequisites: Chemistry 1, 2a, and 2b. Three lectures and three laboratory hours, throughout the year.
Eight semester hours credit.

5. PHYSICAL CHEMISTRY

MR. SLOAT

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice.

Prerequisites: Chemistry 1, 2a, and 2b, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

Eight semester hours credit.

6. SPECIAL QUANTITATIVE METHODS

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

Prerequisites: Chemistry 1, 2a, 2b, and 3.

Hours and credit as arranged up to four semester hours.

8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists. *Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. In consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

Four semester hours credit.

One lecture and three laboratory hours, throughout the year.

Dramatic Arts

Professor ARMS

1b. APPRECIATION OF THE THEATRE

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

One hour, throughout the year.

Two semester hours credit.

2. TECHNIQUE OF THE THEATRE

MR. ARMS

Theory and practice of acting and production.

Two hours, throughout the year.

Four semester hours credit.

Economics and Business Administration

Professor STOKES, Associate Professor LARKIN, Assistant Professors BAIRD and WILLIAMS, Lecturer HEIMER, and ASSISTANTS

The courses offered in this department are designed to provide an understanding of the principles of economic behavior. Both theoretical and applied courses are designed to meet the needs of students who intend to enter graduate and professional schools, or plan a career in business or government. Fundamentals rather than techniques are stressed.

Students may select either Economics or Business Administration as their major field.

ECONOMICS

The requirements for a major in Economics are a minimum of 24 semester hours including courses 3, 15, 16, and 18, and Mathematics 23 (Statistics). In addition all majors are required to take Political Science 1a (American Government), and are advised to take Economics 4 (Accounting).

3A. PRINCIPLES OF ECONOMICS

STAFF

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. This course is not acceptable in partial fulfillment of the major and minor requirements of the department.

Three semester hours credit.

Three hours, second semester.

3. PRINCIPLES OF ECONOMICS

STAFF

Economic principles, problems, and policies with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

Sophomore course. Three hours throughout the year. *Six semester hours credit.* Required of all majors and minors in Economics. Recommended for all Political Science majors.

11. LABOR RELATIONS

MR. LARKIN

Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees.

Three semester hours credit.

Prerequisite: Economics 3. Three hours, first semester.

14. TRANSPORTATION

MR. LARKIN

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

15. ADVANCED ECONOMIC THEORY

MESSRS. STOKES and WILLIAMS

An analysis of the forces affecting the level of economic activity, income, and employment; monetary and fiscal policy; value and distribution.

Senior course. Three hours, either semester. *Three semester hours credit.*

16. MONEY AND BANKING

MR. STOKES

The nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy.

Three semester hours credit.

Junior or Senior course. Three hours, first semester.

18. HISTORY OF ECONOMIC THOUGHT MR. WILLIAMS

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time. *Three semester hours credit.*
Junior or Senior courses.

Prerequisite: Economics 3. Three hours, first semester.

Not given 1955-1956.

19. PUBLIC FINANCE MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions, the various types of taxes and their economic effects, fiscal policy, the budget, management of the public debt.

Three semester hours credit.

Junior or Senior course. Three hours, first semester.

Prerequisite: either Economics 3 or Political Science 1.

20. INTERNATIONAL ECONOMICS MR. STOKES

International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

Not given 1955-1956.

AMERICAN ECONOMIC HISTORY See History 5.

ELEMENTARY STATISTICS See Mathematics 23.

22. CONSUMER ECONOMICS MR. LARKIN

An analytical treatment of the consumer's role in the economic system. The course includes the forces behind demand; family income and budgets; installment finance; life insurance; investments; home ownership; producer and government aids to consumers.

Three semester hours credit.

No prerequisites. Junior and Senior course. Second semester.

BUSINESS ADMINISTRATION

The requirement for a major in Business Administration is 30 semester hours. Courses 3, 4, and 15 are required and the remainder of the subjects may be selected from any of the courses listed below or from those listed under Economics. All majors are further required to take Political Science 1a.

1. ECONOMIC GEOGRAPHY MESSRS. HEIMER and WILLIAMS

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural

opportunities and limitations, with emphasis on climate, topography, population, and essential resources. *Three semester hours credit.*

Open only to Freshmen, except with special permission of department. Three hours, first semester.

2. INDUSTRIES OF THE UNITED STATES MESSRS. HEIMER and WILLIAMS

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on the geographic basis, historical evolution, and current economic position and problems.

Freshman course. Three hours, second semester. *Three semester hours credit.*

4. ELEMENTARY ACCOUNTING MR. BAIRD

Fundamental principles of modern accounting procedure, together with underlying basic financial statements and documents. *Six semester hours credit.*

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

5. INTERMEDIATE ACCOUNTING MR. BAIRD

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements. *Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

6. ADVANCED ACCOUNTING MR. BAIRD

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships and governmental and institutional accounting. *Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.

7. FEDERAL TAXES MR. BAIRD

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required.

Three semester hours credit.

Prerequisite: Economics 5. Three hours, second semester.

COST ACCOUNTING See Mathematics 25.

MATHEMATICS OF INVESTMENT See Mathematics 21.

8. MARKETING PRINCIPLES AND PRACTICES

MR. LARKIN

An analysis of the marketing structure underlying the sale and movement of goods from producer to the final buyer with a view toward determining the principles and practices which tend towards more efficient marketing management.

Six semester hours credit.

Junior and Senior course. Three hours, throughout the year.

10. BUSINESS LAW

MR. STOKES

Legal rights and obligations arising out of common business transactions.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

12. INDUSTRIAL MANAGEMENT

MR. WILLIAMS

An introduction to the field of industrial management with special emphasis on economic background, financing, research and engineering, etc. Plant selection, layout, production control, budgeting, purchasing, internal coordination and control.

Three semester hours credit.

Senior course. Three hours, either semester.

13. PERSONNEL MANAGEMENT

MR. WILLIAMS

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination.

Three semester hours credit.

Prerequisite: Economics 11. Senior course. Three hours, either semester.

17a. BUSINESS ORGANIZATION AND CONTROL

MR. LARKIN

A comparative study of the various forms of business organization and combination, followed by an analysis of the efforts of the government to prevent unreasonable restraint of trade and monopolistic control by big business.

Three hours, first semester.

Three semester hours credit.

17b. BUSINESS FINANCE

MR. LARKIN

A descriptive and analytic study of the principles and problems of finance faced by business enterprises, with special emphasis placed on current aspects of financial planning and budgeting and the administration of working capital.

Three semester hours credit.

Prerequisite: Economics 4. Three hours, second semester.

Education

*Professor KRAMER, Associate Professor JOHNSON, Assistant Professor SHAND,
and DR. DUCK*

All students intending to teach should register with the Education Department by April 15 of their Freshman year. As a guide to them, each subject-matter depart-

ment has planned a suitable curriculum for its majors to follow. The following Education courses, in the sequence shown below, are recommended:

Education 1	History of Education in the United States	3
Education 2	Junior Combination Course	3
Education 5	Educational Psychology	3
Education 6	Introduction to High School Teaching	3
Education 10	Audio-Visual Education	3
Education 11	Student Teaching	6

Psychology 1, General Psychology, taken in the Sophomore year, is a prerequisite for Education 5. All students except History majors must take History 6, History of the United States and of Pennsylvania, for Pennsylvania certification.

A grade of B or better must be attained in each subject presented for certification, as well as a grade of C or better in Student Teaching.

1. HISTORY OF EDUCATION IN THE UNITED STATES MR. KRAMER

Development of education in the United States, with emphasis on Pennsylvania. Special attention is given to the qualifications of a good teacher, rating scales, a Teachers' Philosophy of Education, and professional ethics.

Sophomore course. Three hours, either semester. *Three semester hours credit.*

2. JUNIOR COMBINATION COURSE MR. JOHNSON

The philosophy and principles underlying the teaching of young children; principles of secondary education; curriculum construction; pupil guidance; classroom observation.

5. EDUCATIONAL PSYCHOLOGY MR. JOHNSON

Application of the principles of psychology to classroom practice.

Prerequisite: Psychology 1. Junior course. Three hours, either semester.

Three semester hours credit.

6. INTRODUCTION TO HIGH SCHOOL TEACHING MR. KRAMER

High school teaching principles and techniques, and classroom management.

Junior and Senior course. Three hours, either semester.

Three semester hours credit.

10. AUDIO-VISUAL EDUCATION

The use of audio-visual aids in classroom instruction, with emphasis on laboratory work. *Three semester hours credit.*

Open only to students who expect to teach.

Three hours, either semester.

11. STUDENT TEACHING

MR. KRAMER

Consists of 180 hours of observation, participation, and teaching on the secondary school level. Student teaching is open only to a limited number of students, and must be arranged for in the Junior year. *Six semester hours credit.*

Prerequisite: Education 6 with a grade of B or better, and approval of subject matter departments and Faculty committee on Student Teaching.

14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS

MR. SHAND

A survey of tests, inventories, and other instruments and of statistical computations used in psychology and education.

Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester. *Three semester hours credit.*

40. PRINCIPLES OF GUIDANCE

MR. DUCK

A general introduction to basic principles of personnel administration for student counselors. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

English

(Composition, Literature, and Speech)

Professor MASON,* Associate Professor GEYER, Assistant Professors BOLICH, TAYLOR, and WOLFINGER, Instructors HELD, LINDEMAN, PICKERING, and SMITH,* and Lecturer SNOOK

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 2a, 4a, or 20; 2b or 12; 14a, 14b, or 4b; and 3, 6, or 10. Majors and minors who expect to teach in the public schools should take Courses 5a and 6. English A is a prerequisite for all other courses in English.

COMPOSITION

A. ENGLISH COMPOSITION MESSRS. BOLICH, GEYER, HELD, PICKERING, and WOLFINGER, and MMES. SNOOK and TAYLOR

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen. *Six semester hours credit.*

Three hours, throughout the year.

16. JOURNALISM

MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

Two hours, either semester.

Two semester hours credit.

*Absent on leave.

17. CREATIVE WRITING

MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor. *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

21. ADVANCED CREATIVE WRITING

MRS. TAYLOR

Workshop for advanced writing students. Problems and techniques of writing short stories, verse, essays, etc. *Four semester hours credit.*

Prerequisite: English 17. Two hours, throughout the year. (Credit granted for one semester or both.)

LITERATURE

1. ENGLISH LITERATURE

MR. MASON

A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

Three hours, throughout the year. *Six semester hours credit.*

2a. SHAKESPEARE

MR. WOLFINGER

Eighteen plays and recent critical writing about Shakespeare.

Three hours, first semester. *Three semester hours credit.*

2b. ROMANTIC REVIVAL

MR. GEYER

Wordsworth, Coleridge, Byron, Shelley, and Keats.

Three hours, second semester. *Three semester hours credit.*

3. THE ENGLISH NOVEL

MR. GEYER

Historical development of the English novel from Defoe to the twentieth century.

Three hours, throughout the year. *Six semester hours credit.*

4a. CHAUCER

MR. GEYER

The Canterbury Tales, *Troilus and Criseyde*, and several shorter poems.

Three hours, first semester. *Three semester hours credit.*

Not given 1955-1956.

4b. THE EIGHTEENTH CENTURY

MR. GEYER

The chief poets and prose writers of the neo-classical period.

Three hours, second semester. *Three semester hours credit.*

Not given 1955-1956.

- 6a. AMERICAN POETRY MR. MASON
From Bryant to Lanier; emphasis on critical interpretation.
Three hours, first semester. *Three semester hours credit.*
- 6b. AMERICAN PROSE MR. MASON
Selections from the eighteenth and nineteenth centuries.
Three hours, second semester. *Three semester hours credit.*
9. MODERN DRAMA MR. WOLFINGER
From Ibsen to O'Neill. *Three semester hours credit.*
Three hours, first semester.
- 10a. ENGLISH DRAMA MR. WOLFINGER
From the liturgical play to 1660. *Three semester hours credit.*
Three hours, first semester.
- 10b. ENGLISH DRAMA MR. WOLFINGER
From 1660 to the rise of the New Drama. *Three semester hours credit.*
Three hours, second semester.
12. VICTORIAN POETRY MR. GEYER
Chiefly Tennyson and Browning; some attention to Arnold and the Pre-Raphaelites. *Three semester hours credit.*
Three hours, first semester.
- 14a. THE SIXTEENTH CENTURY MR. WOLFINGER
The non-dramatic prose and poetry of the period.
Three hours, second semester. *Three semester hours credit.*
- 14b. THE SEVENTEENTH CENTURY MR. GEYER
The poetry and prose of the period with special attention to Bacon, Jonson, and Donne.
Three hours, second semester. *Three semester hours credit.*
18. MODERN POETRY MR. MASON
English and American poets of the present century. *Four semester hours credit.*
Two hours, throughout the year. (Credit granted for one semester or both.)
20. MILTON MR. MASON
Milton's poetry and selected prose.
Three hours, first semester. *Three semester hours credit.*

SPEECH

5a. BASIC SPEECH

MR. BOLICH

Study of the fundamentals underlying good speech, and practice in speaking.

Two hours, either semester.

Two semester hours credit.

5b. ADVANCED SPEECH

MR. BOLICH

Study of the purposes and forms of oral English, and practice in extemporaneous speaking.

Two semester hours credit.

Prerequisite: English 5a. Two hours, second semester.

15. ORAL INTERPRETATION OF LITERATURE

MR. BOLICH

The principles and methods of oral interpretation, with careful consideration of phonetics, pronunciation, and enunciation.

Two semester hours credit.

Prerequisite: English 5a. Two hours, first semester.

19. PRINCIPLES OF RADIO SPEECH

MR. BOLICH

The principles of radio speaking and script writing; problems of production.

Two semester hours credit.

Prerequisite: English 5a. Two hours, second semester.

*Fine Arts**Instructor ROBINSON and Professor KRAMER*

*1. HISTORY OF ART: PREHISTORIC THROUGH GOTHIC

MR. ROBINSON

Paleolithic beginnings, Egypt, Mesopotamia, Greece, Rome, Early Christian, Pre-Renaissance.

Two semester hours credit.

Two hours, either semester.

*2. ART APPRECIATION: RENAISSANCE THROUGH 19TH CENTURY

MR. ROBINSON

Lectures and discussions about distinctive examples of the visual arts, methods, principles, and appreciation.

Two semester hours credit.

*3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, although some attention will be given to Japanese, Hindu, and Persian art. The history, traditions, and culture will form the background for studying bronzes, pottery, porcelain, jades, painting, ivories, architecture, etc. Material from museums and collections will be used.

One hour, throughout the year.

Two semester hours credit.

*May be used to meet appreciation requirements.

***4. ART APPRECIATION: ART TODAY**

MR. ROBINSON

The great art movements of our time.

Two hours, either semester.

*Two semester hours credit.***5. BEGINNING DRAWING, PAINTING, AND COMPOSITION**

MR. ROBINSON

A basic studio course in various drawing media with a choice of either water color or oil in painting. The use of the visual elements organized by the principles of design. Discussions about the relation of drawing and painting to cultural daily living.

Three semester hours credit.

Six studio hours weekly, either semester.

6. PICTORIAL DESIGN

MR. ROBINSON

A continuation of course 5 with particular emphasis on pictorial design. Analyses of the paintings of outstanding artists of the past and present.

Three semester hours credit.

Prerequisite: Fine Arts 5. Six studio hours weekly, either semester.

7. BEGINNING POTTERY

MR. ROBINSON

A basis course in volume, proportion, and simple ornament as related to hand-built pottery. Experience in forming, glazing, and firing. Discussions about the relation of ceramics to cultural daily living.

Three semester hours credit.

Six studio hours, either semester.

8. INTERMEDIATE POTTERY

MR. ROBINSON

A continuation of course 7 with emphasis upon individual initiative in devising and solving problems. Introduction to use of electric wheel.

Three semester hours credit.

Prerequisite: Fine Arts 7. Six studio hours either semester.

French

(See Romance Languages)

German

*Professor SUNDERMEYER, Associate Professors AHRENS and STOREK, and
Lecturer I. LANGERHANS*

Requirements for a major include Courses 2, 3, 6, 12, 13, and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13. Courses 14 and 15 count as six semester hours in the original provided they are

*May be used to meet appreciation requirements.

taken together. Courses 2, 3, 4, 7, 10, 11, 14, and 16 may be applied in fulfillment of the literature requirement.

GERMAN LANGUAGE

A. ELEMENTARY GERMAN

STAFF

The essentials of grammar; reading of simple prose and poetry.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE GERMAN

STAFF

Review of grammar; reading of standard German. *Six semester hours credit.*

Prerequisite: German A. Three hours, throughout the year.

6. COMPARATIVE PHILOLOGY

MR. AHRENS

A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language.

One hour, throughout the year.

Two semester hours credit.

12. COMPOSITION

MR. AHRENS

Practice in writing idiomatic German.

Two semester hours credit.

One hour, throughout the year.

13. CONVERSATION

MR. AHRENS

Practice in speaking German.

Four semester hours credit.

Two hours, throughout the year.

GERMAN LITERATURE AND CIVILIZATION

2. THE CLASSICAL FIELD

MISS STOREK

Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller.

Six semester hours credit.

Prerequisite: German 1. Three hours, throughout the year.

3. THE 19TH CENTURY

MR. AHRENS

Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann.

Six semester hours credit.

Prerequisite: German 1. Three hours, throughout the year.

4. LUTHER

MR. AHRENS

An advanced course devoted to the study of selections from Luther's German writings.

Two semester hours credit.

One hour, throughout the year.

7. GERMAN SCIENTIFIC PROSE MRS. LANGERHANS
Selections of literary merit from authors in the field of the natural sciences.
Six semester hours credit.
Prerequisite: German 1. Three hours, throughout the year.
8. GERMAN SCIENTIFIC PROSE MR. SUNDERMEYER
Readings adapted to individual needs of students majoring in any of the exact sciences.
Two semester hours credit.
One hour, throughout the year.
10. GOETHE'S FAUST MR. SUNDERMEYER
Goethe's *Faust*, I and II. *Six semester hours credit.*
Two hours and collateral reading, throughout the year.
11. CONTEMPORARY LITERATURE MR. SUNDERMEYER
Selections from contemporary literature. *Six semester hours credit.*
Two hours and collateral reading, throughout the year.
14. ADVANCED GERMAN PROSE MR. AHRENS
Readings in the fields of fiction, history, and philosophy, selected to coordinate with German 15. *Four semester hours credit.*
Two hours, throughout the year.
15. HISTORY OF GERMAN CIVILIZATION MR. SUNDERMEYER
Lecture course in English. Open to all students. Credit given in the Departments of German and History. *Two semester hours credit.*
One hour, throughout the year.
16. SEMINAR IN GERMAN LITERATURE MR. SUNDERMEYER
A reading course conducted in German. *Six semester hours credit.*
Two hours and collateral reading, throughout the year.

Greek

Professor SHAFFER

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

A. ELEMENTARY GREEK

MR. SHAFFER

An elementary course for beginners.

Six semester hours credit.

Three hours, throughout the year.

B. INTERMEDIATE GREEK

MR. SHAFFER

Selections from Xenophon and Homer. Prose composition.

Six semester hours credit.

Prerequisite: Greek A. Three hours, throughout the year.

1. HERODOTUS

MR. SHAFFER

Reading of selections, with lectures and reports on literary and historical background.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, first semester.*

2. GREEK TRAGEDY

MR. SHAFFER

Selected plays with lectures and reports on the literary, religious, and philosophical background.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, second semester.*

3. GREEK LITERATURE IN ENGLISH

MR. SHAFFER

Reading and study of selected masterpieces of Greek literature.

Knowledge of Greek not required.

Three semester hours credit.

Three hours, first semester.

4. GREEK HISTORY

MR. SHAFFER

A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources.

Three semester hours credit.

Knowledge of Greek not required.

Three hours, second semester.

5. GREEK MUSIC

MR. SHAFFER

Greek musical theory and practice. Restricted to advanced students.

Three semester hours credit.

Prerequisite: Greek A and B, and an elementary knowledge of music.

Three hours, first semester.*

6. NEW TESTAMENT

MR. SHAFFER

Readings in Hellenistic Greek, with special attention to the language of the New Testament.

Three semester hours credit.

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, second semester.

*To be given if needed.

7. PLATO

MR. SHAFFER

The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates. *Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)
Three hours, first semester.

8. HOMER

MR. SHAFFER

The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.

9. GREEK LYRIC POETRY AND PROSE COMPOSITION

MR. SHAFFER

A survey of Greek poetic literature and a review of syntax.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, second semester.

10. GREEK ORATORY

MR. SHAFFER

Selected orations in Greek and the *Rhetoric* of Aristotle in English.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, first semester.*

11. THE ANCIENT HISTORY OF THE NEAR EAST

MR. SHAFFER

Survey of the ancient civilizations of southwestern Asia and of Egypt.

Knowledge of Greek not required.

Three semester hours credit.

Three hours, first semester.*

12. GREEK TRAGEDY

MR. SHAFFER

Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.*

13. READINGS IN GREEK PHILOSOPHY

MR. SHAFFER

Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10. *One semester hour credit.*

One hour, first semester.*

14. READING COURSE IN GREEK OLD TESTAMENT

MR. SHAFFER

Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background.

Three hours, either semester.

Three semester hours credit.

Prerequisite: Greek 6. Approval of the Department is required.

*To be given if needed.

Health and Physical Education

Profcssor BREAM, Associate Professor BARTHOLOMEW, Assistant Professors HAAS, KENNEY, and YOVICSIN, and Instructors BOWER and LENTZ

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, and open to both men and women. The department offers curricula leading to both the degree of Bachelor of Arts and the degree of Bachelor of Science, with a major in Health and Physical Education. Students enrolled in either of the above curricula must take all the courses listed in that curriculum, plus such other courses as may be required by the department.

METHODS AND ACTIVITIES

1. METHODS AND ACTIVITIES I

STAFF

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills. Personal hygiene, safety, first-aid, rules and regulations of games. Two activity hours and one class hour.

Activities for men: tennis, soccer, volleyball, basketball, swimming, track and field, and golf.

Activities for women: field hockey, basketball, volleyball, swimming, archery, softball, tennis, tumbling, and dancing. *Four semester hours credit.*

Three hours, throughout the year.

2. METHODS AND ACTIVITIES II

STAFF

An individual program of activities participation, based upon ability and progress.

Activities for men: tennis, football, wrestling, apparatus, tumbling, dancing, speedball, and golf.

Activities for women: field hockey, tennis, basketball, volleyball, golf, folk dancing, badminton, bowling, and rhythmical swimming.

Four semester hours credit.

Two hours, throughout the year.

3. METHODS AND ACTIVITIES III

STAFF

Methods and techniques of class organization and instruction in a variety of indoor physical education activities. *Four semester hours credit.*

Two two-hour periods, throughout the year.

4. METHODS AND ACTIVITIES IV

STAFF

Methods and techniques of class organization and instruction in a variety of outdoor physical education activities. *Four semester hours credit.*

Two two-hour periods, throughout the year.

5. AQUATICS

MR. LENTZ

Teaching methods and techniques in elementary strokes, elementary diving, life-saving, water safety. *Two semester hours credit.*

Three hours, second semester.

PHYSICAL EDUCATION

6. INTRODUCTION TO PHYSICAL EDUCATION

MISS KENNEY

A general survey of the field, with special emphasis upon developing an understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*

Two hours, first semester.

13. PRINCIPLES AND CURRICULUM PLANNING

MR. BARTHOLOMEW

An evaluation of principles and their application in planning a modern physical education program. *Two semester hours credit.*

Two hours, second semester.

17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION

MR. YOVICSIN

Legal and administrative problems, personnel relations, social interpretation, budget and finance, plant and office management.

Two hours, throughout the year.

Four semester hours credit.

18. ADMINISTRATION OF RECREATION AND OUTDOOR ACTIVITIES

MISS KENNEY

The theory of, and need for, play, personnel qualifications, administration, and program of activities for all age groups. *Two semester hours credit.*

Two hours, second semester.

19. PHYSICAL EDUCATION FOR THE HANDICAPPED

MISS KENNEY

Misconception, causes of handicaps, specific handicaps, the remedial program, the orthopedic examination, and administration. Students will have opportunity for practical experience. *Two semester hours credit.*

Prerequisite: Health Education 14.

Two hours, first semester.

21. CARE AND PREVENTION OF INJURIES

MR. BARTHOLOMEW

The official Beginners' Red Cross First Aid course, with emphasis on the practical aspects of symptom recognition and safety.

One two-hour period, first semester.

One semester hour credit.

22. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION

MR. BARTHOLOMEW

Written and practical tests in the fields of health and physical education.

Two hours, second semester.

Two semester hours credit.

HEALTH EDUCATION

10. PERSONAL HYGIENE MR. BARTHOLOMEW
Practical aspects of the every-day life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health. *Three semester hours credit.*
Three hours, first semester.
11. COMMUNITY HYGIENE MISS KENNEY
The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed. *Three semester hours credit.*
Three hours, second semester.
12. SCHOOL HEALTH PROBLEMS MR. BARTHOLOMEW
The recognition and possible solution of typical health problems. *Three semester hours credit.*
Three hours, first semester.
14. ANATOMY AND PHYSIOLOGY MR. BARTHOLOMEW
A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body. *Six semester hours credit.*
Three hours, throughout the year.

History

Professor FORTENBAUGH and Assistant Professors BLOOM, CRAPSTER, and GLATFELTER

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, 6, 10, and 11 are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

1. HISTORY OF WESTERN CIVILIZATION MR. GLATFELTER
A survey from pre-literary times to the present, describing the growth of social institutions. *Six semester hours credit.*
Three hours, throughout the year.
2. HISTORY OF ENGLAND MR. CRAPSTER
A survey from Roman times to the present, emphasizing institutional and cultural developments. *Six semester hours credit.*
Three hours, throughout the year.

3a. HISTORY OF THE UNITED STATES TO 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

History 3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Three hours, first semester.

Three semester hours credit.

3b. HISTORY OF THE UNITED STATES SINCE 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

Three hours, second semester.

Three semester hours credit.

4. THE UNITED STATES, 1899-1939

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, first semester.

5. AMERICAN ECONOMIC HISTORY

MR. BLOOM

A study of economic life and forces throughout the history of the United States.

Three hours, second semester.

Three semester hours credit.

6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania. *Six semester hours credit.*

Three hours, throughout the year.

7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

Prerequisite: History 3 or 6.

Three semester hours credit.

Three hours, first semester.

8. SELECTED TOPICS IN AMERICAN HISTORY

MR. BLOOM

An advanced course offering intensive study of special topics or periods.

Prerequisite: History 3 or 6.

Three semester hours credit.

Three hours, second semester.

9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Two semester hours credit.

Two hours, second semester.

10. EUROPE FROM THE RENAISSANCE TO 1763 MR. CRAPSTER
A survey of European history in the early modern period in its world setting—the Renaissance, the Reformation, the growth of national states, and the Enlightenment. *Three semester hours credit.*
Prerequisite: History 1. Three hours, first semester.
11. EUROPE IN THE FRENCH REVOLUTIONARY AND NAPOLEONIC ERAS MR. CRAPSTER
A survey of Europe from 1763 to 1789, followed by an intensive study of the political, social, economic, and intellectual developments taking place in Europe from 1789 to 1815. *Three semester hours credit.*
Prerequisite: History 1. Three hours, second semester.
Alternates with History 14. Not given 1955-1956.
12. EUROPE FROM 1815 TO 1919 MR. CRAPSTER
A survey of European history from the Congress of Vienna to the First World War. *Three semester hours credit.*
Three hours, first semester.
13. EUROPE SINCE 1919 MR. CRAPSTER
A survey of recent European history in its world setting.
Three hours, second semester. *Three semester hours credit.*
14. HISTORY OF RUSSIA MR. CRAPSTER
A survey of Russian history, emphasizing the period from 1682 to 1939.
Prerequisite: History 1. Three hours, second semester.
Alternates with History 2. *Three semester hours credit.*
18. CIVIL WAR AND RECONSTRUCTION MR. BLOOM
The sectional conflict in American history from the War with Mexico in 1846 to the end of Reconstruction in 1877. *Three semester hours credit.*
Prerequisite: History 3 or 6. Three hours, first semester.
19. THE AMERICAN COLONIAL PERIOD MR. FORTENBAUGH
An intensive study of the colonial period before 1763 with emphasis upon economic, social and religious development. *Three semester hours credit.*
Prerequisite: History 3 or 6. Three hours, second semester.
20. HISTORICAL METHOD MR. FORTENBAUGH
For Junior majors and other qualified students who expect to teach history.
Three hours, first semester. *Three semester hours credit.*

21. UNDERGRADUATE SEMINAR

MESSRS. BLOOM, CRAPSTER, FORTENBAUGH, and GLATFELTER

Practice in the criticism and use of historical sources. For Junior or Senior majors. *Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

GERMAN HISTORY See German 15.GREEK HISTORY See Greek 4.ROMAN HISTORY See Latin 11.FRENCH HISTORY See French 21.*Latin**Professor* GLENN *and Instructor* HELD

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of the literature requirement in the original. Students planning to do graduate work in Latin should take college Greek courses.

B-C. VERGIL MR. GLENNSelections from the *Aeneid*. *Six semester hours credit.*

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

1. ROMAN PROSE AND POETRY MR. GLENNSelections from Livy, Catullus, and other authors. *Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

2. HORACE MR. GLENNSelections from the *Odes*, *Epodes*, *Satires*. *Three semester hours credit.*

Three hours, second semester.

3. CICERO'S LETTERS MR. HELDLife and literature in Cicero's time. *Three semester hours credit.*

Three hours, first semester.

4. ROMAN COMEDY MR. HELDSelections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama. *Three semester hours credit.*

Three hours, second semester.

5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required. *Two semester hours credit.*

Alternates with Course 7. Two hours, first semester.

Not given 1955-1956.

6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*. *Two semester hours credit.*

Alternates with Course 8. Two hours, second semester.

Not given 1955-1956.

7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century. *Two semester hours credit.*

Alternates with Course 5. Two hours, first semester.

8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research. *Two semester hours credit.*

Alternates with Course 6. Two hours, second semester.

10. LATIN LITERATURE IN ENGLISH

MR. GLENN

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.

Three hours, second semester.

Three semester hours credit.

11. ROMAN HISTORY AND CIVILIZATION

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required. *Three semester hours credit.*

Three hours, first semester.

13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

Two semester hours credit.

15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made

of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course. *Three semester hours credit.*

One hour, throughout the year.

Mathematics

Professor ARMS, Associate Professor ZIEGLER, and Dean FRYLING

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, and 14. With adviser's approval, Mathematics 21, Mathematics 23, and Mathematics 25, may be used as part of the course requirements for a major in Economics.

1a. COLLEGE ALGEBRA

MR. ZIEGLER

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem. *Three semester hours credit.*

Prerequisite: one unit of Algebra. Three hours, first semester.

1b. PLANE TRIGONOMETRY

MR. ZIEGLER

Definitions and properties of the trigonometric functions; solutions of triangles. *Three semester hours credit.*

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

2. ELEMENTARY ANALYSIS

MESSRS. FRYLING AND ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus. *Six semester hours credit.*

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

5. ANALYTICAL GEOMETRY

MR. ZIEGLER

Plane and solid analytical geometry, and an introduction to calculus.

Six semester hours credit.

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulae of differentiation and integration, with applications.

Six semester hours credit.

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

8. MODERN GEOMETRY

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

8A. COLLEGE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

8B. ANALYTICAL GEOMETRY OF SPACE

Two hours, throughout the year.

Four semester hours credit.

8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

9. MODERN ANALYSIS

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9B. HIGHER CALCULUS AND THEORY OF EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

Four semester hours credit.

10. METHODS OF TEACHING

MR. ZIEGLER

Methods of teaching high school mathematics supplemented with practice teaching and observation.

Four semester hours credit.

Three periods, throughout the year.

14. READING COURSE

MR. ARMS

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and semester hours credit as arranged.

21. MATHEMATICS OF INVESTMENT

MR. ZIEGLER

Compound interest as applied to annuities, life insurance, and depreciation.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, first semester.

23. STATISTICS

MR. ZIEGLER

A first course: mean, mode, median, correlation and index numbers.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, second semester.

25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

Six semester hours credit.

Prerequisite: Economics 4. Three hours, throughout the year.

Music

Professors WAGNILD and SHAFFER, Assistant Professor ACKLEY, Lecturer HARNER, and Private Music Teachers BARRIGA, BUDDÉ, KADEL, and SPRINGER

Requirements for a major comprise a minimum of 24 hours, including Music 6, 7, 8, 12, and a total of 4 hours from Music 9, 10, 14, and 16.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.* (2) Presentation of a recital in the Junior or Senior Year.**

A musical aptitude test will be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment.

1. APPRECIATION OF MUSIC

MR. SHAFFER

The principal musical forms against the background of the other arts.

Two hours, first semester.

Two semester hours credit.

2. APPRECIATION OF MUSIC DRAMA

MR. SHAFFER

A review of the history of opera and analyses of examples as drama and as music.

Two semester hours credit.

3. APPRECIATION OF THE SYMPHONY

MR. SHAFFER

Historical backgrounds and analyses of symphonic forms.

Two hours, second semester.

Two semester hours credit.

6. HISTORY OF MUSIC

MR. ACKLEY

A survey of the development of musical art from ancient to modern times.

Three hours, throughout the year.

Six semester hours credit.

7a. HARMONY

MR. WAGNILD

Scale and chord structure, chord relationship, non-chordal tones, and analyses.

Three hours, first semester.

Three semester hours credit.

*A thesis or additional private study may be substituted for group participation at the discretion of the Department.

**In special cases a standard proficiency test may be submitted for a recital.

7b. HARMONY

MR. WAGNILD

Diatonic chords with various bytones, harmonization or original melodies, simple modulation. Aural approach to harmonic effects. *Three semester hours credit.*
Three hours, second semester.

8a. ADVANCED HARMONY

MR. WAGNILD

Chromatic harmony, modulation, creative work, analyses.
Two hours, first semester. *Two semester hours credit.*

8b. ADVANCED HARMONY

MR. WAGNILD

Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.
Two hours, second semester. *Two semester hours credit.*

9a. KEYBOARD HARMONY

MR. WAGNILD

Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations. *Two semester hours credit.*
Prerequisites: Harmony 7a and 7b. Two hours, first semester.

9b. KEYBOARD HARMONY

MR. WAGNILD

Continuation of 9a. Practical application of chromatic harmony and modulation.
Two hours, second semester.
Creative work. *Two semester hours credit.*

10a, b. SIGHT-SINGING AND DICTATION

MR. ACKLEY

The singing and writing of diatonic intervals, triads, rhythmic patterns and melodies. *Four semester hours credit.*
Two hours, throughout the year.

11a, b. ADVANCED SIGHT-SINGING AND DICTATION

MR. WAGNILD

The development of musical memory and the writing and singing of difficult rhythmic patterns, intervals, and melodic phrases; aural and visual analysis or harmonic structures. *Four semester hours credit.*
Two hours, throughout the year.

12. MUSICAL FORM AND ANALYSIS

MR. ACKLEY

A study of the motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony. *Four semester hours credit.*
Two hours, throughout the year.
Prerequisite: Music 7a, 7b.

14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building. *Four semester hours credit.*

Two hours, throughout the year.

16. INSTRUMENTAL CONDUCTING

MESSRS. HARNER and WAGNILD

Practical training in instrumental score reading and conducting. Class work in conjunction with Music 14. *Four semester hours credit.*

Two hours, throughout the year.

APPLIED MUSIC

The Music Department offers instruction in voice, piano, pipe organ, and the more common instruments. One semester hour credit is given for one half-hour private lesson per week.

The department also sponsors various musical organizations, including the choir and the band. All regular students are eligible to try out for any of these. Auditions are held at the beginning of the school year, or at other times by appointment.

One semester hour credit is given per semester for membership in the choir or band upon the student's completion of four hours of course instruction in the Music Department exclusive of Music 1, 2, and 3.

No student may offer more than eight semester hours of applied music towards a degree.

31. VOICE

Semester fee \$30

Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

33. PIANO

Semester fee \$30

Development of touch, technique, rhythm, expression and interpretation. Repertoire adapted to ability of the student. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

33. PIPE ORGAN

Semester fee \$45

Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student. *One semester hour credit.*

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

37. INSTRUMENTAL INSTRUCTION

Semester fee \$30

Available in most common instruments. Repertoire adapted to ability of the student. *One semester hour credit.*

One half hour lesson per week. Either or both semesters.

50. CHOIR

The choir is composed of approximately fifty-five singers of both sexes chosen by audition. The best of choral literature is studied intensively. In addition to appearances in nearby cities, a ten-day concert tour is taken each spring.

Five rehearsals weekly. *One semester hour credit.*

55. BAND

Membership in the band, which is open to men and women alike, depends entirely on the individual's musical ability and interest. The band plays at athletic events, and during the second semester gives concerts on the campus and in nearby cities. *One semester hour credit.*

Three rehearsals weekly.

Philosophy

Professor RICHARDSON *and Assistant Professors* H. LANGERHANS *and* SCHUBART

The courses in philosophy offer a study of the questions men have asked and the answers they have discovered for the major problems they have faced. An emphasis is placed on the methods of inquiry and on the relation of philosophy to the natural sciences, the social studies, and the humanities.

Course 1a or 3 is prerequisite for all others, unless permission is obtained from the department. Requirements for a major are 27 hours as chosen in consultation with the department. Bible 8 and 13, and Greek 7 and 13 may be included with permission of the department. Course 1, 3 or 4 may be used to fulfill the college distribution requirement.

1. INTRODUCTION TO PHILOSOPHY

MR. RICHARDSON

1a. APPROACHES TO PHILOSOPHY

The main approaches to philosophy: scientific, aesthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving the student both the tools and the motive for building his own philosophy of life.

Three hours, first semester.

Three semester hours credit.

1b. CONTEMPORARY WORLD PHILOSOPHIES

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied. *Three semester hours credit.*

Prerequisite: Philosophy 1a. Three hours, second semester.

3. LOGIC

MR. SCHUBART

3a. The principles of clarity in language and structure in thought, and their application. *Three semester hours credit.*

Three hours, first semester.

3b. The principles involved in attaining reliable knowledge of any subject matter, with emphasis on the humanities and social sciences.

Three hours, second semester.

Three semester hours credit.

4. ETHICS

MR. SCHUBART

4a. HISTORY OF ETHICS

An historical study of the most significant philosophies of ethics from the Greeks to the present. *Three semester hours credit.*

Three hours, first semester.

4b. PRINCIPLES OF ETHICS

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems.

Three hours, second semester.

Three semester hours credit.

8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Consideration of contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy. *Three semester hours credit.*

Three hours, first semester.

10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century. *Six semester hours credit.*

Three hours, throughout the year.

12. PHILOSOPHY OF RELIGION

MR. RICHARDSON

An historical and systematic study of our present religious beliefs.

Three hours, first semester.

Three semester hours credit.

17. MODERN PHILOSOPHY

MR. SCHUBART

The "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries.

Three hours, second semester.

Three semester hours credit.

18. THE PHILOSOPHY OF SCIENCE

MR. LANGERHANS

An historical survey of the world-pictures which have been offered by Greek, Renaissance, and contemporary science; and an analysis of the relations between science and ethical, aesthetic, and religious values. *Three semester hours credit.*

No prerequisite. Three hours, second semester. Alternates with course 19.

19. PHILOSOPHY OF HISTORY

MR. LANGERHANS

The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.

Two semester hours credit.

Two hours, second semester. Alternates with course 18.

20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers.

Three semester hours credit.

Three hours, second semester.

Physics

Professor LONG, Assistant Professor MARA, Instructor DANIELS, Lecturer CORBIN, and Assistants

The Department of Physics offers courses of study (1) to introduce methods of objective thinking and laboratory experimentation, (2) to relate the principles of physics to the contemporary world and its problems, (3) to correlate the principles of physics with studies in mathematics, chemistry, biology, and related fields, and (4) to provide fundamental training for students who plan to do advanced work in graduate physics and engineering curricula.

Requirements for a major include a minimum of 32 hours in Physics, as approved by the adviser. The following courses must be satisfactorily passed: Physics 3, 5a, 8, and 14, Chemistry 1, and courses in Mathematics through Mathematics 9B. Students passing Physics 1 with a grade of B or better may take advanced courses in Physics without taking Physics 102.

1. GENERAL PHYSICS

MESSRS. DANIELS, MARA, and ASSISTANTS

Introduction to the basic principles and phenomena of mechanics, heat, sound, electricity and magnetism, light, and modern physics. This course is designed to satisfy the needs of students not majoring in science.

Eight semester hours credit.

Prerequisite: College Entrance Algebra. One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

102. GENERAL PHYSICS

MESSRS. LONG and MARA

Introduction to the fundamental laws of mechanics, heat, sound, electricity and magnetism, and light. Emphasis is placed on mathematical analysis and on

applications through problems. For students majoring in science. Required of all 3-2 pre-engineering students. *Eight semester hours credit.*

Prerequisites: Mathematics 2 or 5 (may be taken concurrently). One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

2. ENGINEERING MECHANICS

MR. MARA

The fundamental principles of statics and dynamics with emphasis on analysis and problem-solving operations. *Six semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three hours, throughout the year.

3. ADVANCED LABORATORY PHYSICS

MR. LONG

Precise physical measurements in the fields of mechanics, heat, sound, and optics. Emphasis is placed on integration of theory with experimental technique. *Six semester hours credit.*

Prerequisites: Physics 1 or 102 and Mathematics 2 or 5 (latter may be taken concurrently). Two class hours and three laboratory hours, throughout the year.

5a. ELECTRICITY AND MAGNETISM

MR. DANIELS

Electrical and magnetic properties of matter; thermal, chemical, and electromagnetic effects of the electric current; direct current circuits. *Four semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours and three laboratory hours, first semester.

6a. INTRODUCTORY ELECTRONICS

MR. LONG

Alternating current circuit analysis, thermionic emission, and principles of operation of electronic tubes. *Four semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. Three class hours and three laboratory hours, first semester.

6b. ADVANCED ELECTRONICS

MR. LONG

Principles of operation of electronic tube circuits with applications to radio and industrial research equipment. *Four semester hours credit.*

Prerequisite: Physics 6a. Three class hours and three laboratory hours, second semester.

7a. MODERN PHYSICS

MR. MARA

Theory of the basic particles, nuclear structure, and nuclear experimentation. *Three semester hours credit.*

Prerequisites: Physics 102 and Mathematics 6. It is recommended that Mathematics 9A or 9B be taken concurrently. Three class hours, throughout the year.

7b. MODERN PHYSICS

MR. MARA

Theory of atomic structure and spectra.

Three semester hours credit.

Prerequisites: Physics 102, Mathematics 6, and Mathematics 9A or 9B (may be taken concurrently). Credit given either with or without Physics 7a. Three class hours, second semester.

8. PHYSICAL MECHANICS

MR. LONG

Mechanics of particles, rigid bodies, and fluids. Study of oscillations and wave motion.

Three semester hours credit.

Prerequisites: Physics 3 and Mathematics 6. Three class hours, first semester.

9. THEORETICAL PHYSICS

MR. MARA

Classical dynamics in particles, rigid bodies, and deformable bodies. Selected topics in hydrodynamics and thermodynamics.

Three semester hours credit.

Prerequisites: Physics 102, Mathematics 6, and Mathematics 9A or 9B (may be taken concurrently), and approval of instructor. Three class hours, second semester.

10. EXPERIMENTAL PHYSICS

MR. LONG

Individual laboratory projects in some area of physics according to the student's needs.

Semester hours credit as arranged.

Prerequisite: Physics 3. Hours as arranged.

12b. DESCRIPTIVE ASTRONOMY

MR. DANIELS

General and descriptive astronomy.

Two semester hours credit.

No prerequisite. Two class hours, second semester.

13. HEAT AND THERMODYNAMICS

MR. MARA

Introduction to the concepts of heat and temperature, and of elementary thermodynamics. Applications to problems in heat and thermodynamics.

Three semester hours credit.

Prerequisites: Physics 102 and Mathematics 6. Three class hours, second semester.

14. PHYSICAL OPTICS

MR. DANIELS

An intermediate course treating the subjects of reflection, refraction, prisms, lenses, diffraction, interference, resolving power, and polarization.

Three semester hours credit.

Prerequisites: Physics 102 and Mathematics 6. Three class hours, second semester.

21. DESCRIPTIVE GEOMETRY

MR. CORBIN

The use and care of instruments, lettering, and the theory of projection drawing in preparation for solving engineering problems by projection and revolution of points, lines, and planes. *Two semester hours credit.*

Required for pre-engineering students.

Six laboratory hours, first semester.

22. ENGINEERING DRAWING

MR. CORBIN

Intersections and developments, assembly and detail drawings, sections and dimensions. *Two semester hours credit.*

Required for pre-engineering students.

Six laboratory hours, second semester.

Political Science

Professor STOKES, Assistant Professor JARVIS, and Instructor JOHNSON

Requirements for a major include 24 semester hours. Political Science 1a and 1b are prerequisites for all courses in the department. With the adviser's approval, Philosophy 8 may be included in a Political Science major. All majors are required to take course 14 and either Economics 3A or 3.

1a. AMERICAN GOVERNMENT

STAFF

A study of the American political system on the national level. Sophomore course. *Three semester hours credit.*

Three hours, first semester.

Note: Students who require only three credits in Political Science should take 1a.

1b. STATE AND LOCAL GOVERNMENT

STAFF

A study of American government on the state and local level. Sophomore course. *Three semester hours credit.*

Three hours, second semester.

3. EUROPEAN GOVERNMENTS

MR. JOHNSON

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative, judicial and party controls over government; controls to achieve administrative ends; administrative sanction and procedure. *Three semester hours credit.*

Sophomore and Junior course. Three hours, first semester.

4. CONSTITUTIONAL LAW

MR. JARVIS

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

Supplementary readings required.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

5. INTERNATIONAL LAW

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom. *Three semester hours credit.*

Prerequisite: Economics 3, Political Science 1. Junior course. Three hours, second semester.

8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effecting the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions. *Three semester hours credit.*

Junior course. Three hours, first semester.

9. INTERNATIONAL RELATIONS

MR. JOHNSON

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments.

Junior course. Three hours, first semester. *Three semester hours credit.*

11. AMERICAN POLITICAL THOUGHT

MR. JOHNSON

A survey of American political philosophy from colonial times to the present, as expressed in the writings, speeches, and activities of leading personalities in American politics. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester..

14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

A study of the contributions of the most important thinkers in political science from Plato to the present. Required for all majors. *Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

16. AMERICAN FOREIGN POLICY

MR. JOHNSON

This course is designed to acquaint the student with the current diplomatic problems which must be met by American foreign policy. Some attention will be given to an examination of the machinery and processes involved in policy

determination (emphasis on the Department of State, United Nations, and Congressional direction). *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

18. SENIOR SEMINAR

MR. JARVIS

This course is primarily designed to train the student in the use of research materials and is open only to seniors with a B average.

Three hours, second semester.

Three semester hours credit.

PUBLIC FINANCE

See Economics 19.

Psychology

Professor SMOKE, Assistant Professor SHAND, and Instructors EDDINS
and HELMRICH*

Psychology 1 is a prerequisite for all other courses in the department. Requirements for a major include Psychology 1, 4, 10, and 12, and twelve additional hours, as approved by the department. Education 5 may be included. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 11.

Psychology majors are advised to take Psychology 3 or 6 immediately after Psychology 1, and to take Psychology 8 no later than their Junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

1. GENERAL PSYCHOLOGY

STAFF

Introductory survey of the facts and principles of psychology, including the study of human motivation, emotion, perception, thought, intelligence and personality. Some attention is given to the application of psychology, especially in the solution of personal and social problems. *Three semester hours credit.*

Three hours, either semester.

2. BUSINESS AND INDUSTRIAL PSYCHOLOGY

MR. SHAND

Application of psychological principles and techniques to the study of problems in business and industry. *Three semester hours credit.*

Three hours, second semester.

3. SOCIAL PSYCHOLOGY

MR. SMOKE

Psychological study of human experience and behavior in social situations.

Three hours, second semester.

Three semester hours credit.

*Absent on Leave 1954-1956.

4. HISTORY OF PSYCHOLOGY

MR. SHAND

Major developments in the history of psychology, with special attention to the rise of basic theoretical viewpoints. *Three semester hours credit.*

Three hours, first semester.

5. APPLIED PSYCHOLOGY

Applications of psychology to such specific areas as market research, public opinion polling, guidance and counseling, criminology, and getting a job. Outside readings and reports in areas of student's special interests.

Three hours, first semester.

Three semester hours credit.

Not given 1955-1956.

6. MENTAL HYGIENE

MR. HELMRICH

Principles of personal adjustment and the use of these principles in everyday living. The understanding of one's self with respect to abilities, interests, attitudes, and traits of personality. *Three semester hours credit.*

Three hours, second semester.

7. PSYCHOLOGY OF PERSONALITY

MR. SMOKE

The nature of personality, together with the methods and results of its study.

Three hours, first semester.

Three semester hours credit.

8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. SHAND

A survey and scientific study of tests used to obtain knowledge of human motives, interests, attitudes, traits, special abilities, general intelligence, achievement and life adjustment. *Three semester hours study.*

Two class hours and two laboratory hours, first semester.

8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. SHAND

Tests for the study of special kinds of intelligence, specific types of maladjustment, and various processes measured by projective techniques.

Three semester hours credit.

Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.

9. CHILD AND ADOLESCENT PSYCHOLOGY

MR. HELMRICH

The growth and development of the child and adolescent, including such topics as learning, maturation, perceptual development, and social behavior. Some attention is given to the exceptional child. *Three semester hours credit.*

Three hours, first semester.

10. EXPERIMENTAL PSYCHOLOGY

MR. HELMRICH

Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings.

Three semester hours credit.

Open only to Juniors and Seniors who are majors in the Department.

One class hour and two two hour laboratory periods, second semester.

11. PSYCHOLOGICAL STATISTICS

MR. SHAND

Statistical techniques of importance in psychology, including such topics as the measurement of central tendency and variability, kinds of correlation, statistical inference, analysis of variance, and the design of experiments.

Three hours, first semester.

Three semester hours credit.

12. ADVANCED GENERAL PSYCHOLOGY

MR. HELMRICH

Motivation, perception, learning, and other topics in general psychology for advanced students.

Three semester hours credit.

Prerequisite: At least twelve semester hours in Psychology.

Three hours, second semester.

13. INTRODUCTION TO CLINICAL PSYCHOLOGY

A survey of the field of clinical psychology; its problems, methods, and areas of application.

Three semester hours credit.

Prerequisite: At least six semester hours in Psychology.

Junior and Senior course. Three hours, second semester.

Not given 1955-1956.

14. ABNORMAL PSYCHOLOGY

MR. SHAND

Abnormalities of personality and behavior in mentally handicapped, deviant, neurotic, and psychotic persons.

Prerequisite: At least six semester hours in Psychology.

Three hours, second semester.

Three semester hours credit.

15. SENIOR READING COURSE

MR. SMOKE

Supervised reading in psychology.

Semester hours as arranged.

Open only to Seniors who are majors in the department. Conference hours as arranged, first semester.

Reserve Officers Training Corps

(Army and Air Force)

Gettysburg College participates in the National Security Program by offering to its students, in cooperation with the Armed Forces, the opportunity to enroll in one of the Reserve Officer Training programs. The purpose of the program is to provide trained reserve officers to meet the needs of the military services in the event of a national emergency. The training is conducted by members of the regular services through integrated courses in the classroom, leadership laboratories, seminars and practical application. Adequate equipment, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc., are utilized for instructional purposes. The necessary textbooks and uniforms are provided by the Federal Government. Reserve Officer Training does not in any way interfere with the students' normal academic schedule.

Both the Army and the Air Force provide Reserve Officer Training facilities at Gettysburg College. Each training program is divided into two general courses—Basic and Advanced. The Basic Course, taken during the Freshman and Sophomore years, provides a general background for the Army or the Air Force. College credit is given for ROTC, which may be substituted for Physical Education credit.

The Army Reserve Officer Training Corps, commonly known as Army ROTC, is open to all physically qualified male students who are citizens of the United States. The Air Force Reserve Officer Training Corps, known as AFROTC, is open to both male and female students who meet the standards. AFROTC students must agree to take flight training upon receipt of their commissions in the USAF Reserve. At present there are no provisions to grant commissions to women who complete the AFROTC program.

Students who enroll in the Advanced Course are selected from those who have successfully completed the Basic Course and have demonstrated a satisfactory degree of proficiency and leadership. Any student who has completed one year of honorable military service may, at the discretion of the Department Head concerned, enroll in the Advanced Course at the beginning of his Junior Year of College. A Veteran's reserve commitment has not been altered when he accepts a commission upon graduation.

Students who enroll in the Advanced Course are provided with uniforms which are normally kept by the students after they have received a commission. In addition, advanced students are paid approximately \$535.00 during their two years of advanced study in the ROTC program. Between their Junior and Senior years, ROTC students attend, for approximately six weeks, a summer camp, which is devoted to practical application of the courses of instruction they have received during the previous three years in the classroom. Students are reimbursed for travel expenses to and from summer camp. While at summer camp they are provided with food and uniforms, and are paid at the rate of \$78.00 per month.

Under the General Military Science program, Army ROTC graduates may be commissioned in one of the many branches of the Army. The branch in which a student is to be commissioned is determined by his academic background, his indi-

vidual desires, and the needs of the Army at the time he receives his commission. Those students who are outstanding and are designated Distinguished Military Students may apply for Regular Army Commissions. Top priority for flight training is given to graduates of the AFROTC.

At present students participating in the Army ROTC and AFROTC programs may be deferred from induction under the Selective Service Act. To be deferred, a student must maintain a satisfactory academic average, must demonstrate that he possesses the qualities necessary to become an Army or Air Force Officer, and must agree to accept a Reserve or Regular Commission, if tendered. Army ROTC students must also agree to serve at least two years on active duty if called and to remain in the Reserves for six years. Air Force Students must agree to serve at least three years on active duty and to remain in the Reserves for five years. This does not apply to veterans since the veteran has already fulfilled his draft obligation.

It is the policy of Gettysburg College to maintain the Army and the Air Force ROTC at equal strength. This is done to enable each ROTC Department to meet quotas which may be established from time to time. However, every effort is made to assign students to the service of their choice at the time of admission to the ROTC program.

Military Science and Tactics

*Professor JONES, Assistant Professors ANDERSON, GLADYS, and UNGER, and
Instructors DeBORDE, EVERMAN, NAVICKAS, and FISCUS*

BASIC COURSE

1. BASIC COURSE, FRESHMAN

School of the soldier; American Military History; weapons and marksmanship. Four periods, throughout the year (2 in the classroom, 2 in outdoor drill).

Four semester hours credit.

2. BASIC COURSE, SOPHOMORE

School of the soldier; crew-served weapons and gunnery; map and aerial photography reading.

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

ADVANCED COURSE

3. ADVANCED COURSE, JUNIOR

Leadership, exercise of command; military teaching; organization, function and mission of the services; small unit tactics; communications and miscellaneous Military subjects.

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Leadership, exercise of command; estimate of the situation; combat orders; command and staff; administration; military law and boards; military intelligence; training management; the military team; troop movements; supply and evacuation; tactics of infantry battalion; motor transportation; map and aerial photograph reading; service orientation; Miscellaneous Military subjects.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Six semester hours credit.

Air Science and Tactics

*Professor WILLIAMS, Assistant Professors ANDREWS, LUTZ, and McKEAND, and
Instructors GIMPEL, JOHNSON, McCASLIN, MORRILL, and WARRINGTON*

BASIC COURSE

1. BASIC COURSE, FRESHMAN

Introduction to AFROTC; introduction to aviation; fundamentals of global geography; international tensions and security organizations; instruments of national military security; basic military training.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

Four semester hours credit.

2. BASIC COURSE, SOPHOMORE

Elements of aerial warfare, consisting of introduction to targets, weapons, aircraft, the air ocean, the Air Force Base, and Air Force operations: careers in the United States Air Force; Leadership laboratory-Cadet non-commissioned officer training.

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

ADVANCED COURSE

3. ADVANCED COURSE, JUNIOR

The Air Force Commander and his staff; problem-solving techniques; communications process and Air Force correspondence; military law; Courts and Boards; applied air science-aircraft engineering, navigation, and weather; Air Force base functions; leadership laboratory.

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Principles of leadership and management (seminar); career guidance; military aspects of world political geography; military aviation and the art of war; briefing for commissioned service; leadership laboratory.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Six semester hours credit.

Romance Languages

*Professor BACHMAN, Associate Professors FRANCO, HAMME, and HARTSHORNE,
Assistant Professor SANBORN, Instructors BARRIGA and LEHNBERGER*

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A Course; 30 semester hours are necessary for a teaching major.

Requirements for a teaching major or minor in French include courses 3 and 4, and 5.

Requirements for a major in Spanish include a reading knowledge of a second foreign language.

FRENCH LANGUAGE

A. ELEMENTARY FRENCH

STAFF

Essentials of grammar; practice in composition, reading, and translation.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE FRENCH

STAFF

Grammar review and composition. Reading of selections from modern French authors.

Six semester hours credit.

Prerequisite: French A or its equivalent. Three hours, throughout the year.

3. ADVANCED FRENCH COMPOSITION AND CONVERSATION

MR. BACHMAN

Systematic study of French grammar including composition drill. Stress on free composition and oral expression.

Six semester hours credit.

Prerequisite: French 1. Three hours, throughout the year.

Not given 1955-1956.

5. PRACTICAL PHONETICS

MR. BACHMAN

Study of the alphabet of the International Phonetic Association. Major emphasis is placed on oral practice.

Three semester hours credit.

Alternates with French 6. Three hours, first semester.

6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and in Spanish.

Two semester hours credit.

Two semester hours, first semester. Alternates with French 5.

Not given 1955-1956.

7. OLD FRENCH LANGUAGE AND LITERATURE MR. BACHMAN
Study of the various *genres* of medieval French literature.
Two semester hours credit.
Prerequisite: French 6. Two hours, second semester. Alternates with French 21.
Not given 1955-1956.

9. EXPLICATION DE TEXTES MR. BACHMAN
Designed for Seniors only. Conference hours as arranged, either semester.
Two hours, either semester. *Two semester hours credit.*

FRENCH LITERATURE

The following courses fulfill the one-year literature requirement.

11. SURVEY COURSE IN FRENCH LITERATURE MR. SANBORN
A general survey of French literature from the Middle Ages to the 19th century.
Six semester hours credit.
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.
Not given 1955-1956.
13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850. MR. HARTSHORNE
Selections from poets and prose writers of the Romantic and Realistic movements.
Six semester hours credit.
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.
Alternates with French 14.
14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900 MR. HARTSHORNE
Selections from poets and prose writers of the Naturalistic and Symbolistic movements.
Six semester hours credit.
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.
Alternates with French 13.
Not given 1955-1956.
15. FRENCH LITERATURE OF THE 20th CENTURY MR. SANBORN
A study of the more recent literary tendencies of France, with special reference to the national life and character.
Six semester hours credit.
Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

17. FRENCH LITERATURE OF THE 17TH CENTURY MR. BACHMAN

French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 18.

Not given 1955-1956.

18. FRENCH LITERATURE OF THE 18TH CENTURY MR. BACHMAN

Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Alternates with French 17.

FRENCH CIVILIZATION, METHODS, SEMINAR

21. HISTORY OF FRENCH CIVILIZATION MR. BACHMAN

A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe. *Three semester hours credit.*

No language requirements. Three hours, second semester.

Alternates with French 7.

23. METHODS OF TEACHING FRENCH MR. BACHMAN

Lesson planning in conjunction with grammar review; discussions concerning the cultural material to be used; selection of suitable texts.

Open only to Juniors and Seniors who expect to teach and who have been recommended by the department head. *Three semester hours credit.*

Three hours, first semester. Given only in alternate years.

Not given 1955-1956.

25. THESIS IN FRENCH STAFF

Open only to Seniors who are members of Phi Sigma Iota.

Conference hours as arranged, either semester. *Two semester hours credit.*

SPANISH LANGUAGE

A. ELEMENTARY SPANISH STAFF

Fundamentals of grammar and reading.

Six semester hours credit.

Three hours, throughout the year.

1. INTERMEDIATE SPANISH STAFF

Review of Spanish grammar, conversation, translation, and composition.

Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.

Six semester hours credit.

2. ADVANCED COMPOSITION AND CONVERSATION MR. FRANCO

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations.

Six semester hours credit.

Prerequisite: Spanish 1 or its equivalent. Three hours, throughout the year.

Not given 1955-1956.

SPANISH LITERATURE

The following courses fulfill the one-year literature requirement. All three hours throughout the year. Prerequisite for all courses up to 20: Spanish 1 or its equivalent.

10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE) MR. BARRIGA

A study of the development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selection from some of the most outstanding authors of each period.

Six semester hours credit.

11. SPANISH-AMERICAN LITERATURE MR. HAMME

A survey course with emphasis on poetry and the novel.

Six semester hours credit.

Not given 1955-1956.

12. NINETEENTH CENTURY SPANISH DRAMA MR. HAMME

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda.

Six semester hours credit.

13. NINETEENTH CENTURY SPANISH NOVEL MR. FRANCO

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

Not given 1955-1956.

Six semester hours credit.

14. CONTEMPORARY SPANISH NOVEL MR. HAMME

Reading and study of novels beginning with the Generation of '98.

Prerequisite: Spanish 1 or its equivalent.

Six semester hours credit.

15. CONTEMPORARY SPANISH DRAMA MR. FRANCO

Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.

Six semester hours credit.

16. NOVELA DEL SIGLO DE ORA MR. HAMME
 Study of *La novela picaresca* and *Don Quijote*. *Six semester hours credit.*
 Not given 1955-1956.
17. TEATRO DEL SIGLO DE ORO MR. FRANCO
 Lope de Vega and other dramatists of the Siglo de Oro.
 Not given 1955-1956. *Six semester hours credit.*
18. SPANISH-AMERICAN CULTURE AND PROBLEMS MR. FRANCO
 Social, economic, and political problems of Spanish America. Study and interpretation of contemporary Latin American essays. *Six semester hours credit.*

SPANISH CIVILIZATION, METHODS, SEMINAR

21. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. FRANCO
 Technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice. *Three semester hours credit.*
 For teaching majors. Hours as arranged.
Three hours. First semester.
22. THESIS IN SPANISH MESSRS. FRANCO AND HAMME
 Research and outlining. Individual conferences. *Two semester hours credit.*
 Two hours either semester. Conference hours as arranged.
 Prerequisite: Any course from the group 10-30.

Sociology

Professor BLOSS, Assistant Professors H. LANGERHANS and SCHUBART

Requirements for a major include Sociology 1, 2, 10 and 11 and twelve additional semester hours in Sociology as approved by the department. Students looking forward to Social Work must take Sociology 3 and 9.

Sociology 1 is prerequisite to all other courses in Sociology, except in special cases and only if approved by the department.

1. PRINCIPLES OF SOCIOLOGY MISS BLOSS and MR. LANGERHANS
 Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.
 Three hours, either semester. *Three semester hours credit.*

2. CULTURE AND PERSONALITY

MR. LANGERHANS

Interrelation of the individual, society and culture. Motivation, learning, personality formation, psychological processes which enter into the interactions of individuals. Interactional processes as they relate to the roles and statuses of the individual in his social-cultural world. Diverse cultures with reference to institutions, value systems, behavior patterns and their interrelations.

Three semester hours credit.

Prerequisite: Sociology 1. Three hours, second semester.

3. INTRODUCTION TO SOCIAL WORK

MISS BLOSS

Development and organization of modern social services under public and private auspices. Basic processes of social case work, group work and community organization.

Three semester hours credit.

Three hours, first semester.

4. FIELD WORK EXPERIENCE

MISS BLOSS

Current trends in the philosophy and practice of social work. Two hour seminar one day each week plus field work for one-half day per week in approved social agencies offering supervision.

Three semester hours credit.

Senior course. Three hours, second semester.

5. MARRIAGE AND THE FAMILY

MR. SCHUBART

A study of personality and human relations in marriage and the family. A survey of the effect of contemporary American culture on the concept and functions of marriage and the family.

Three semester hours credit.

Three hours, first semester.

6. RURAL SOCIOLOGY

MISS BLOSS

Rural social organization and the social processes operative in rural society. Emphasis on present day rural trends and their significance for contemporary American life.

Three semester hours credit.

Three hours, first semester.

7. URBAN SOCIOLOGY

MISS BLOSS

Development of the city since the Industrial Revolution; structural and functional characteristics of the urban community; problems arising from the urbanization and industrialization of contemporary society.

Three hours, second semester.

Three semester hours credit.

8. MASS COMMUNICATION

MR. LANGERHANS

Relationship of public opinion to social control and collective behavior. Special attention given to the various media of mass communication such as the news-

paper, radio, motion picture and to the problems of monopoly, propaganda and freedom. *Three semester hours credit.*

Three hours, first semester.

Alternates with Sociology 16; not given 1954-1955.

9. SOCIAL LEGISLATION

MISS BLOSS

Study of the changing philosophy of Government to meet the needs of modern industrial civilization; special attention given to present day social welfare policies and programs at the federal, state and local levels.

Three hours, second semester.

Three semester hours credit.

10. SOCIAL THEORY

MR. LANGERHANS

Causality and field-theory in the social sciences. The contributions of Durkheim, Pareto and Weber to social theory. Recent trends in American sociology.

Three hours, second semester.

Three semester hours credit.

11. METHODS OF SOCIAL RESEARCH

MR. LANGERHANS

Techniques, hypotheses, experimental designs, statistical procedures in social research. Analysis of some of the classic and significant studies in the fields of the social sciences.

Three hours, first semester.

Three semester hours credit.

12. SOCIAL MOVEMENTS

MR. LANGERHANS

The dynamics of social movements and mass manipulation. Organizational forms and ideologies. Trade unions and Socialist parties. Patterns of revolution: 1789, 1848, 1917, 1949. Marx to Mao. Background of bolshevism, fascism and national socialism. International Communism, its methods of organization, propaganda and terror.

Three hours, first semester.

Three semester hours credit.

13. CRIMINOLOGY

MISS BLOSS

Analysis of the social, cultural and psychological factors involved in the development of the criminal; evaluation of our present system of criminal justice; trends and future objectives.

Three hours, first semester.

Three semester hours credit.

14. AMERICAN CULTURE

A study of the growth of some major institutions and intellectual traditions which have contributed to the formation of the American ideology.

Not given in 1955-1956.

Three semester hours credit.

15. INDUSTRIAL SOCIOLOGY

The industrial plant as a complex social organization; the functional relationships between industrial production and other aspects of societal organization. Not given in 1955-1956. *Three semester hours credit.*

16. AMERICAN MINORITY GROUPS

MR. LANGERHANS

A history of American minority groups, their special problems and their place in American society. Sociology and social psychological theories will be stressed. *Three semester hours credit.*

Alternates with Sociology 8. Three hours, first semester.

Spanish

(See Romance Languages)

Speech

(See English)

Alumni Organizations

The Alumni Association

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

Executive Committee

ASSOCIATION OFFICERS

President RALPH W. HOCH, '16, 191 Treaty Road, Drexel Hill
Vice President WILLIAM H. B. STEVENS, '26, 410 North Third Street, Harrisburg
Alumni Secretary C. PAUL CESSNA, '15, Gettysburg College
Recording Secretary,
ELIZABETH M. KRUMRINE, '45, 21 Riggs Road, N.W., Washington 11, D. C.
Treasurer THOMAS E. WEAVER, '25, Lehigh National Bank Building, Catasauqua

CHAIRMEN OF STANDING COMMITTEES

Alumni Clubs MRS. CARL O. GLEITSMANN, '39
Alumni Days PAUL E. STEIN, '30
Endowment and Scholarship RAY A. BARNARD, '15
Finance EARL E. ZIEGLER, '21
Medal DANIEL B. KRIEG, '25
Nominating PHILIP H. IHRIG, '29
Public Relations GEORGE B. BAKER, '20
Secondary Schools EARL K. STOCK, '19
Undergraduate MRS. LESTER O. JOHNSON, '33

PAST PRESIDENTS

H. H. BEIDLEMAN, '12
C. E. GERBERICH, '13
R. C. DOUGHERTY, '00
C. L. S. RABY, '09

H. G. PORTS, '25
W. H. PATRICK, JR., '16
F. R. SEIBEL, JR., '26
J. A. APPLE, '19

MEMBERS-AT-LARGE

G. LISLE BEERS, '21	Term expires 1955
CHARLES L. EBY, '33	Term expires 1956
PAUL L. LOTZ, '15	Term expires 1957
JOHN M. WEIKERT, '21	Term expires 1958

Local Club Organizations

ALTOONA, PA.

President	F. M. HALLER, '29, 1208 5th Ave.
Secretary	R. W. FLENNER, '17, 1116 25th Ave.

BALTIMORE, MD.

President	J. G. HLUBB, '29, 1213 Lakeside Ave.
Secretary	NANCY B. SCHUNTER, '54, 5623 Laurelton Ave.

CENTRAL PENNSYLVANIA

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 Berger, Phyllis E., *Sp.*, Lansdale, Pa.
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 Clarke, Eleanor D., *Eng.*, Gettysburg, Pa.
 Clarke, John R., *Bib.*, Lewistown, Pa.
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 Frey, Raymond, Jr., *Hist.*, York, Pa.
 Friedrich, Charles P., *Bio.*, Haddonfield, N. J.
 Frolen, Cynthia A., *Econ.*, Wichita Falls, Texas.
 Garrow, Cynthia K., *P.S.*, Pottstown, Pa.
 Gayman, Robert F., *P.S.*, Dillsburg, Pa.
 Geesaman, Frank G., *Hist.*, Waynesboro, Pa.
 Geib, Richard E., *Hist.*, Manheim, Pa.
 Georgiana, Joseph S., *P.S.*, Gibbstown, N. J.
 Gibson, Janice K., *Math.*, Havertown, Pa.
 Gilbert, Ralf E., *P.S.*, Quakertown, Pa.
 Gingrich, Cynthia L., *Bio.*, Lebanon, Pa.
 Glass, John F., *Chem.*, Fannettsburg, Pa.
 Graham, Willard P., Jr., *Econ.*, Narberth, Pa.
 Greth, Gary F., *Hist.*, Hamburg, Pa.
 Griesel, Donald C., *P.E.*, Bronx, N. Y.
 Guise, Earl R., *Chem.*, York Springs, Pa.
 Haabestad, Grace V., *Mus.*, Springfield, Pa.
 Haase, George F., *Bus. Ad.*, Gettysburg, Pa.
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 Hajjar, Josephine, *Psy.*, Harrisburg, Pa.
 Harter, Sally, *Eng.*, Berwick, Pa.
 Hausmann, Virginia L., *Psy.*, Cranford, N. J.
 Hay, Theodore D., Jr., *Econ.*, Gettysburg, Pa.

- Henderson, James M., Jr., *Bus. Ad.*, *Chatham, N. J.*
 Herrera, Jack E., *Mus.*, *York, Pa.*
 Hershey, William E., *Hist.*, *York, Pa.*
 Hill, Joanne L., *Chem.*, *Mountainside, N. J.*
 Hoffman, Robert T., *Econ.*, *Prospect Park, Pa.*
 Houck, Fern L., *Econ.*, *Hanover, Pa.*
 Howard, James T., Jr., *Bio.*, *Merion, Pa.*
 Huzzard, Marilyn E., *Chem.*, *Jenkintown, Pa.*
- Ihle, Bruce R., *Bus. Ad.*, *Cranford, N. J.*
 Ischick, Eugene F., *Hist.*, *Gettysburg, Pa.*
- Johnson, Elmer J., *Psy.*, *Gettysburg, Pa.*
 Jones, Richard C., *Hist.*, *Pine Grove, Pa.*
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 Jury, John R., *Econ.*, *York, Pa.*
- Kalil, Raymond G., *Econ.*, *Gettysburg, Pa.*
 Katz, Robert, *Chem.*, *Brooklyn, N. Y.*
 Keller, Barry A., *P.S.*, *Gettysburg, Pa.*
 Kelly, John A., Jr., *Bio.*, *Paoli, Pa.*
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 Kephart, James W., *Bus. Ad.*, *Philipsburg, Pa.*
 Kertz, Edward F., *Bus. Ad.*, *Tenafly, N. J.*
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 Kirsch, Edward A., Jr., *P.S.*, *Merchantville, N. J.*
 Kopriver, Claudette L., *Soc.*, *Duquesne, Pa.*
 Kostelac, Thomas M., *Hist.*, *Steelton, Pa.*
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 Lamson, John L., *Econ.*, *Howard Beach, N. Y.*
 Landino, Robert H., *Bus. Ad.*, *Thorndale, Pa.*
 Lane, Marian C., *Math.*, *Hawthorne, N. J.*
 Lantz, Clark W., *Bio.*, *Leonia, N. J.*
 Lau, James B., Jr., *Hist.*, *York, Pa.*
 Lau, Michael W., *Bus. Ad.*, *Spring Grove, Pa.*
 Laurita, William G., *Chem.*, *Copiague, N. Y.*
 Lawson, Lemuel R., *Bio.*, *Dallastown, Pa.*
 Lengel, Quentin E., *Chem.*, *Pine Grove, Pa.*
 Lenhard, Constance C., *Psy.*, *Drexel Hill, Pa.*
 Lindstrom, Joan V., *Math.*, *Jamaica, N. Y.*
 Lipkin, John P., *P.S.*, *Coatesville, Pa.*
 Livingston, Edward A., *Hist.*, *Williamsport, Pa.*
 Lockenmeyer, Fred E., *P.E.*, *Brooklawn, N. J.*
 Long, Nancy L., *Bio.*, *New Kensington, Pa.*
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 Louder, Kenneth C., *Hist.*, *Johnstown, Pa.*
 Lowe, William L., *Econ.*, *Gettysburg, Pa.*
 Luckett, Nancy K., *Psy.*, *York, Pa.*
 Lupp, Gilbert J., *Hist.*, *Gettysburg, Pa.*
- McElhaney, James H., *Eng.*, *Hagerstown, Md.*
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 Maberry, Barron B., *Hist.*, *Baltimore, Md.*
 Mahtani, Pushpa, *Eng.*, *Medan, Sumatra.*
 Marino, Guy, Jr., *Hist.*, *Harrisburg, Pa.*
 Markley, William A., *Lat.*, *Myersville, Md.*
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- Neuhaus, Colin F., *Bus. Ad.*, *Glen Rock, Pa.*
- Ollivier, Alan E., *Econ.*, *Moorestown, N. J.*
 Ollivier, Norman P., *Hist.*, *Moorestown, N. J.*
- Palmer, Jack W., *Econ.*, *Middletown, Pa.*
 Parkinson, Peter D. S., *Phy.*, *Philadelphia, Pa.*
 Paulin, Edward W., *Hist.*, *Wilmington, Del.*
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- Quick, John D., *Econ.*, *New Cumberland, Pa.*
- Rawlings, Helen, *Mus.*, *Limerick, Pa.*
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 Rein, Leonard A., *Econ.*, *Philadelphia, Pa.*
 Reindollar, Dolores R., *Hist.*, *Littlestown, Pa.*
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 Schalick, Oakford A., Jr., *Bus. Ad.*, *Center-ton, N. J.*
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 Yocum, William A., *Bus. Ad., New Cumberland, Pa.*

Ziegler, James B., *Sp., Hanover, Pa.*

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 Basehore, John W., *Econ., Gettysburg, Pa.*
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 Borneman, Georgiana, *Bio., Lynbrook, N. Y.*
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 Bower, Earle S., *Bus. Ad., Peekskill, N. Y.*
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 Cross, Patricia A., *Eng., Glen Burnie, Md.*

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Falk, Leonard, *Bio., Iron Springs, Pa.*
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 Fitzpatrick, Richard D., *Econ., Wethersfield, Conn.*
 Floor, John A., *Math., Everett, Pa.*
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 Franz, Robert E., *Hist., Philadelphia, Pa.*

Cable, Charles P., *Hist., Merchantville, N. J.*

- Fredericks, James W., *P.S., Asbury Park, N. J.*
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 Fuss, John M., Jr., *Econ., Emmitsburg, Md.*
- Gaenzle, Richard W., *Econ., Albany, N. Y.*
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 Galbraith, Charles E., *Psy., Waynesboro, Pa.*
 Galbreath, John H., *Math., York, Pa.*
 Gatto, Joseph R., *Gr., Fieldsboro, N. J.*
 Gemmill, William M., *Econ., York, Pa.*
 Gilchrist, Robert G., *Bus. Ad., Havertown, Pa.*
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- Hachtel, E. Donald, *Psy., Baltimore, Md.*
 Hadley, Edwin N., III, *Bus. Ad., Newark, N. J.*
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 Hamilton, Noel F., *Bio., Curwensville, Pa.*
 Hamlin, Jay E., III, *Econ., Fairfield, Pa.*
 Hammett, Richard P., *P.S., Havertown, Pa.*
 Harris, Albert S., Jr., *Hist., York, Pa.*
 Harvey, David A., *Bio., Little Falls, N. J.*
 Hechler, James W., *Bib., Windber, Pa.*
 Heder, Robert A., *Psy., Park Ridge, N. J.*
 Helmke, Ernest W., *Ger., Brooklyn, N. Y.*
 Hemler, Dale J., *Econ., Hanover, Pa.*
 Henderson, John F., *Hist., Bedford, Pa.*
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 Hill, Alfred W., *Bio., Woodbury, N. J.*
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 Holec, Donald A., *Bus. Ad., Westfield, N. J.*
 Holladay, Van Dale, *Bio., Uniontown, N. J.*
 Hollandsworth, Kenneth P., *Econ., Dillsburg, Pa.*
 Homan, Donald N., *Phy., Moorestown, N. J.*
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 Huffstutter, James M., *Hist., Sharon, Pa.*
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Waddell, William C., *Econ.*, Moorestown, N. J.
 Wagner, Walter H., *Bib.*, New York, N. Y.
 Wagner, William T., *Bus. Ad.*, Waynesboro, Pa.
 Wall, Philip D., *Montoursville*, Pa.
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 Ward, William A., *P.E.*, Libertytown, Md.
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 Weber, John A., *Econ.*, Pikesville, Md.
 Wehle, Mary C., *Psy.*, St. Petersburg, Fla.
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 Weislogel, Louis F., *Bio.*, Elizabeth, N. J.
 Wertz, Cynthia F., *Psy.*, Indiana, Pa.
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 White, Shirley L., *Soc.*, Lancaster, Pa.
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 Williams, George A., *Phil.*, York, Pa.
 Williams, Kenneth H., *Bus. Ad.*, Westfield, N. J.
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 Wolfe, Jean A., *Eng.*, New Haven, Conn.
 Wright, George B., *Summit*, N. J.
 Wurst, Richard S., *Econ.*, Meadowbrook, Pa.

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 Ziegler, Suzanne E., *Fr.*, Gettysburg, Pa.
 Zoerbel, Eleanor E., *Ger.*, Garfield, N. J.
 Zulick, Jeannette S., *Sp.*, Cranford, N. J.

Freshmen, Class of 1958

Abram, Robert G., *Newville*, Pa.
 Adams, Frances E., *Marietta*, Pa.
 Adams, Richard L., *Harrisburg*, Pa.
 Allender, Charles M., *Econ.*, Baltimore, Md.
 Allison, George C., *Swarthmore*, Pa.
 Anastasi, Richard V., *West New York*, N. J.
 Anderson, Kenneth C., *P.E.*, New Milford, Conn.
 Anglemoyer, William, *Huntingdon Valley*, Pa.
 Apple, James G., *Sunbury*, Pa.
 Aslaksen, H. Bruce, *Econ.*, Cliffside Park, N. J.
 Atkinson, Barbara J., *P.E.*, Scarsdale, N. Y.

Baier, Charles A., Jr., *Baltimore*, Md.
 Baker, Elizabeth L., *Wilmington*, Del.
 Ball, Phyllis A., *Drexel Hill*, Pa.
 Bankert, Bonnie, *Soc.*, Lansdale, Pa.
 Barkley, Robert, *P.E.*, Cleveland, Ohio.
 Barnes, David P., *Pre-Eng.*, Netherlands West Indies.
 Barone, Vincent, *West New York*, N. J.
 Barrington, Francis L., *Pre-Eng.*, Drexel Hill, Pa.
 Bartel, Charles M., *Pre-Eng.*, Westfield, N. J.
 Baughman, Peter F., *Gettysburg*, Pa.
 Beachem, Charles W., *P.E.*, Ellwood City, Pa.

Beale, Willard H., *Econ.*, Upper Darby, Pa.
 Benjamin, John H., *Chem.*, Nutley, N. J.
 Benjamin, Robert W., *Providence*, R. I.
 Berlin, John R., *Tarrytown*, N. Y.
 Best, John C., *Bus. Ad.*, Englewood, N. J.
 Billheimer, Ellen, *P.E.*, Highland Park, N. J.
 Bishop, Stephen H., *Madison*, N. J.
 Black, James H., *New Cumberland*, Pa.
 Blackwell, Samuel A., *Seaford*, Del.
 Boddington, William D., *Coral Gables*, Fla.
 Body, Howard E., *Boyetown*, Pa.
 Bogue, Barbara E., *Union*, N. J.
 Bohr, Harper L., *Williamsport*, Pa.
 Bolton, Joseph C., *Camp Hill*, Pa.
 Bonebrake, Lane S., *P.E.*, Waynesboro, Pa.
 Bonnett, Elaine R., *Brooklyn*, N. Y.
 Bowman, Janet, *Lemoine*, Pa.
 Boyer, Donald A., *Bus. Ad.*, York, Pa.
 Bradbury, Ronald, *Pre-Eng.*, Pompton Plains, N. J.
 Brakas, Gunda M., *Econ.*, Brooklyn, N. Y.
 Brandt, Ronald A., *P.E.*, Harrisburg, Pa.
 Bream, LeRoy, *Bus. Ad.*, Gardners, Pa.
 Brenneman, Walter L., Jr., *Harrisburg*, Pa.
 Bright, C. Doyle, Jr., *Econ.*, Bloomsburg, Pa.
 Brown, Barbara, *P.E.*, West Grove, Pa.
 Brown, Benjamin W., Jr., *Pre-Eng.*, Long Branch, N. J.
 Brown, Elizabeth A., *Altoona*, Pa.
 Brown, James P., *Eatonstown*, N. J.

- Brown, Jean, *P.E., Lansdowne, Pa.*
 Brundage, Jay M., *Bus. Ad., Pleasantville, N. Y.*
 Brunner, Karl R., II, *Econ., Morrisville, Pa.*
 Buckler, Warren L., *Phy., Baltimore, Md.*
 Buice, Eugenie V., *Eng., Washington, D. C.*
 Burger, Charles L., *Langhorne, Pa.*
 Burger, Elizabeth E., *Red Hook, N. Y.*
 Burkhardt, Barbara A., *P.E., New Cumberland, Pa.*
 Buthray, John A., *Holden, Mass.*
 Byrne, David T., *Econ., Cranford, N. J.*
- Cadmus, David, *Westfield, N. J.*
 Capitani, Frank A., *Econ., Hershey, Pa.*
 Caputi, William E., *Camden, N. J.*
 Carl, Rachel, *Chambersburg, Pa.*
 Charles, Charles J., *Pre-Eng., Middleburg, Pa.*
 Christensen, Ole E., *Connelly, N. Y.*
 Church, James W. B., Jr., *Bio., Roselle, N. J.*
 Clark, William W., III, *Econ., Drezel Hill, Pa.*
 Clausen, Carolyn M., *Hanover, Pa.*
 Clayton, Marjorie E., *Eng., Harrisburg, Pa.*
 Clouser, Sara L., *Middletown, Pa.*
 Cole, Richard C., *Bio., Gettysburg, Pa.*
 Coleman, Carol J., *Soc., Moorestown, N. J.*
 Conklin, Frederick D., *Hist., Camp Hill, Pa.*
 Cooper, Charles J., *Bausman, Pa.*
 Crain, Thomas F., *Pre-Eng., Merion Station, Pa.*
 Crausman, Joel, *Bio., Brooklyn, N. Y.*
 Crumley, John D., *Econ., New York, N. Y.*
 Cullen, Richard B., *Phy., Marysville, Pa.*
 Cuthbert, Allen S., Jr., *Narberth, Pa.*
- Dalrymple, Douglas A., *Dover, N. J.*
 Daniels, Robert M., *Bus. Ad., Pine Grove, Pa.*
 Davis, Frederick E., *Econ., Woodbury, N. J.*
 Davis, James V., Jr., *Ithaca, N. Y.*
 Deardorff, Eugene A., *Chem., Arendtsville, Pa.*
 Decker, Sigmund S., *Hist., Warren, Pa.*
 DeHaven, Annette L., *Eng., Cumberland, Md.*
 Dehoff, Burnell R., *Bus. Ad., Biglerville, Pa.*
 Deibert, Donna J., *Psy., Towson, Md.*
 Deichert, James W., *Chem., Pine Grove, Pa.*
 DeLoca, Maralyn J., *Bio., Waldwick, N. J.*
 Derham, Elaine R., *Freeport, N. Y.*
 Dieck, Robert V., *Pre-Eng., Sunbury, Pa.*
 Dingfelder, Carol M., *Brooklyn, N. Y.*
 Dirren, Donald J., *Springfield, Pa.*
 Divan, Marilyn L., *Bio., Morton, Pa.*
 Doehne, Carolyn W., *P.E., Roanoke, Va.*
 Dohner, John P., *Camp Hill, Pa.*
 Doyle, Joan E., *Eng., Lemoyne, Pa.*
 Drennen, Robert, *Narberth, Pa.*
 Duffy, Edward F., *Psy., Abington, Pa.*
 Dungan, Edith F., *P.E., Southampton, Pa.*
- Eckman, Carole A., *Soc., Towson, Md.*
 Ellefsen, Thora J., *Bio., Haworth, N. J.*
 Elwood, Eunice G., *Delmont, Pa.*
 Engstrom, Eileen L., *Silver Spring, Md.*
 Evans, Barry L., *Math., Dillsburg, Pa.*
- Farquhar, John F., *Bio., Kennett Square, Pa.*
 Figuera, Robert D., Jr., *Hist., Doylestown, Pa.*
 Finck, Martin E., *Bio., Flushing, N. Y.*
 Finck, Michael E., *Bio., Brooklyn, N. Y.*
 Fink, Ronald E., *Emigsville, Pa.*
 Fisher, Mary A., *Allentown, Pa.*
- Flaak, Florence H., *Bio., Weehawken, N. J.*
 Flammer, Barbara A., *Chem., Bethlehem, Pa.*
 Flinchbaugh, Barbara E., *Dallastown, Pa.*
 Foltz, Calvin H., *Harrisburg, Pa.*
 Ford, Richard J., *Econ., Northumberland, Pa.*
 Foreman, David L., *Harrisburg, Pa.*
 Forgie, Ann R., *Marysville, Pa.*
 Foster, John S., *Glen Ridge, N. J.*
 Freeman, John F., *Hist., Garden City, N. Y.*
 Friedrich, Russell H., *Bio., Haddonfield, N. J.*
- Gaenzle, Lawrence W., *P.S., Albany, N. Y.*
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 Gay, Richard J., *Econ., White Plains, N. Y.*
 Gehret, Robert E., *Bus. Ad., Riverside, N. J.*
 Genzel, John A., Jr., *Bus. Ad., Collingdale, Pa.*
 Gibble, Edward W., *Pottstown, Pa.*
 Giese, Dale F., *Baltimore, Md.*
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 Glockner, Jean B., *Baltimore, Md.*
 Glover, Irving R., *Harrisburg, Pa.*
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 Grant, James, *Baltimore, Md.*
 Graybill, David, *York, Pa.*
 Groeger, William H., *Chem., Ridgway, Pa.*
 Groshans, Phyllis V., *Baltimore, Md.*
 Grossman, Arnold C., *Bio., Philadelphia, Pa.*
- Grove, Lloyd J., *New York, N. Y.*
 Guise, Dale, *Pre-Eng., York Springs, Pa.*
 Guss, Earl M., *Chem., Mifflintown, Pa.*
- Haar, Robert L., *Econ., Camp Hill, Pa.*
 Haas, Donald A., *Baltimore, Md.*
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 Hailey, Donald G., *Camden, N. J.*
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 Hallauer, Donald W., Jr., *Bio., Rochester, N. Y.*
 Hamilton, Albert D., *Haddonfield, N. J.*
 Hamm, Joyce C., *Hanover, Pa.*
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 Harman, Donald M., *Lancaster, Pa.*
 Harris, Don T., *Jenkintown, Pa.*
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 Hikes, Joseph R., *Bus. Ad., Harrisburg, Pa.*
 Hill, James H., *Bio., Nanticoke, Pa.*
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 Hixon, Clifford M., *Northumberland, Pa.*
 Hoenniger, Janet B., *Eng., Richmond, Va.*
 Hoffacker, Dale E., *Hanover, Pa.*
 Hoppe, Barton W., *Math., Harrisburg, Pa.*
 Hoppe, James B., *Harrisburg, Pa.*
 Hubler, George E., *Bus. Ad., Gordon, Pa.*
 Huettenreiter, Margaret, *Eng., Clarksburg, N. J.*
 Hummer, Jean L., *Bio., Manheim, Pa.*
 Hutchinson, Raymond A., *Chem., Camden, N. J.*
- Jacobs, Sarah, *Lansdale, Pa.*
 Johnson, Karl E., *Williamsport, Pa.*
 Jones, Eleanor L., *Cumberland, Md.*
 Joseph, Sandra R., *Conemaugh, Pa.*

- Jungels, Richard A., *Hist.*, Philadelphia, Pa.
- Kauffman, Robert R., *Econ.*, North Hill, Pa.
- Kelbaugh, Sterling H., *Thurmont*, Md.
- Kelman, Howard S., *Bio.*, Brooklyn, N. Y.
- Kempton, Alan R., *Tenafly*, N. J.
- Kenworthy, Robert B., *Eng.*, Gettysburg, Pa.
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- Klewer, Alice A., *Philadelphia*, Pa.
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- Kohler, Jay G., *Chambersburg*, Pa.
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- Kreider, Ada L., *Lititz*, Pa.
- Krewson, James W., *Newtown*, Pa.
- Krum, Susan M., *Johnstown*, Pa.
- Kunkel, Barry E., *Sunbury*, Pa.
- Kuzlak, Donald, *Chem.*, Danville, Pa.
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- Lawrence, Mary E., *Portsmouth*, Va.
- Leas, Norman R., *Villanova*, Pa.
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- Long, Carol D., *Hagerstown*, Md.
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- Lower, Charles E., *Bio.*, Lancaster, Pa.
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- McDowell, Donald H., *Phy.*, Baldwin, N. Y.
- McGowan, George, *Eng.*, Manhasset, N. Y.
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- McNally, Henry P., *Springfield*, Pa.
- MacDonald, Lauchlin N., *Haddonfield*, N. J.
- Machetzki, Carola I., *York*, Pa.
- Macken, Patricia A., *Baltimore*, Md.
- Macom, Vorrie B., *Chem.*, Haddon Heights, N. J.
- Maine, William L., *Bus. Ad.*, Stamford, Conn.
- Maloney, John, *P.E.*, Middletown, N. J.
- Malsy, Frank C., *Chem.*, Hasbrouck Heights, N. J.
- Manahan, Ronald C., *Blue Ridge Summit*, Pa.
- Manges, Joan L., *Bala-Cynwyd*, Pa.
- Mann, Robert H., Jr., *Chem.*, Cumberland, Md.
- Marsden, Edward W., *Hatboro*, Pa.
- Marsh, Ruth M., *Hist.*, Union Bridge, Md.
- Martin, Helen L., *Washington*, D. C.
- Martin, Richard E., *Bib.*, Garden City, N. Y.
- Matthias, Donald W., *Drexel Hill*, Pa.
- Matthews, John P., *Econ.*, Rutherford, N. J.
- Martin, Richard H., *Chem.*, Harrisburg, Pa.
- Mayhew, Albur C., *Econ.*, Hackensack, N. J.
- Metz, Fred J., *Bio.*, Cape May Court House, N. J.
- Michael, Robert G., *Bristol*, Pa.
- Mickley, Suzanne, *Hist.*, Cashtown, Pa.
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- Miller, Larry M., *Bio.*, Chambersburg, Pa.
- Miller, Marian A., *Psy.*, Harrisburg, Pa.
- Miller, Martin, *Bus. Ad.*, Chester, Pa.
- Miller, Roy D., Jr., *Sharon*, Pa.
- Milligan, Robert H., *Palmyra*, Pa.
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- Moore, Frank T., *Reynoldsville*, Pa.
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- Muggleworth, Barbara J., *Collingswood*, N. J.
- Musser, Stanton, *P.E.*, Gettysburg, Pa.
- Mutnick, Marc J., *Rockville Centre*, N. Y.
- Neff, William H., *York*, Pa.
- Nell, Thomas A., *Pre-Eng.*, New Oxford, Pa.
- Newbould, Kenneth H., *York*, Pa.
- Newton, James E., *Punxsutawney*, Pa.
- Niven, Thomas C., *Pre-Eng.*, Glen Head, L. I., N. Y.
- Noerr, Constance, *P.S.*, Lewistown, Pa.
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- Peirson, Ronald E., *Harrisburg*, Pa.
- Petrillo, Janice L., *Bio.*, Maywood, N. J.
- Petuskey, Lawrence A., *Bus. Ad.*, Catawissa, Pa.
- Phillips, Leon A., *Allentown*, Pa.
- Pingitore, Albert J., *Long Branch*, N. J.
- Pinko, Stephen M., *Bressler*, Pa.
- Piston, James W., *Lansdale*, Pa.
- Ports, John N., *York*, Pa.
- Potter, George D., *Narberth*, Pa.
- Potter, Joyce M., *Colona*, Md.
- Pretz, David, *Lemoyne*, Pa.
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- Reece, James, *P.S.*, Baltimore, Md.
- Reese, John K., *Philadelphia*, Pa.

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 Reinhardt, Lowell E., *Bus. Ad., Union, N. J.*
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 Reiss, William D., *Bio., New York, N. Y.*
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 Rexroth, Burdell M., *Bio., Gettysburg, Pa.*
 Richard, Jack N., *Cranford, N. J.*
 Richards, Kenneth S., *Bus. Ad., Sharon Hill, Pa.*
 Righter, Samuel P., *Econ., Lansdale, Pa.*
 Roberts, Roy E., Jr., *Plymouth Meeting, Pa.*
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 Rogers, Kenneth F., *Econ., Fanwood, N. J.*
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 Schaub, Judith L., *Springfield, Pa.*
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 Schoettle, Edwin, *Econ., Haverford, Pa.*
 Schrack, Suzanne M., *Chem., Columbia, Pa.*
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 Schuette, Ronald W., *Chem., Tarrytown, N. Y.*
 Schuler, Margery E., *Bio., Allentown, Pa.*
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 Schuman, Ray R., *Econ., Hanover, Pa.*
 Schwarz, Regina, *Glendale, N. Y.*
 Scott, Kenneth J., *Eng., York, Pa.*
 Seadale, Vincent A., *New York, N. Y.*
 Sell, Barclay E., *West Lawn, Pa.*
 Shadel, Marie A., *Math., Takoma Park, Md.*
 Shenk, Albert B., *Hershey, Pa.*
 Sheppard, William A., III, *Gloversville, N. Y.*
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 Shipman, James L., *Williamsport, Pa.*
 Sibley, Mark, *Runnemedede, N. J.*
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 Skelton, James T., Jr., *York, Pa.*
 Slotterbeck, Judith A., *P.E., Abington, Pa.*
 Smith, Sarah L., *Eng., Wrightsville, Pa.*
 Spangler, Elwood C., *Pre-Eng., York, Pa.*
 Spoerl, George L., Jr., *Cumberland, Md.*
 Spofford, John E., *Econ., Dolgeville, N. Y.*
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 Stein, Donald L., *Hellam, Pa.*
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 Steirer, William F., Jr., *Phil., Doylestown, Pa.*
 Stelzer, Deborah S., *P.S., Philadelphia, Pa.*
 Stern, Benjamin B., Jr., *Pre-Eng., Friedens, Pa.*
 Sterner, Albert D., *P.E., Hanover, Pa.*
 Stetser, Ann, *Sharon Hill, Pa.*
 Stiles, Mahlon R., *Dallastown, Pa.*
 Stock, Stephen B., *Bus. Ad., York, Pa.*
 Stoll, James H., *Camp Hill, Pa.*
 Stone, Barbara M., *Bio., Pitman, N. J.*
 Stone, Patricia L., *Mus., Lemoyne, Pa.*
 Strayer, Marlene J., *Eng., Dillsburg, Pa.*
 Streeter, Robert G., *Pre-Eng., Altadena, Calif.*
 Stutzman, Ronald W., *Hist., Chester, Pa.*
 Sutherland, William C., *Econ., Coatesville, Pa.*
 Swensen, Robert V., *Phil., Harrisburg, Pa.*
 Swift, Gage T., *Havertown, Pa.*
 Tappert, Barbara B., *P.E., Mt. Vernon, N. Y.*
 Thomas, David L., *Bus. Ad., Jennerstown, Pa.*
 Thomas, Kevin B., *Los Angeles, Calif.*
 Todd, John E., *Bus. Ad., Gettysburg, Pa.*
 Tully, J. Scott, *Eng., Bethlehem, Pa.*
 Unger, Kenneth L., *Pine Grove, Pa.*
 VanHouten, David S., *Chem., Berwick, Pa.*
 VanSaders, Robert R., *Maywood, N. J.*
 Varner, Janet M., *Eng., Portage, Pa.*
 Vaughn, Nancy E., *Eng., West Point, Pa.*
 Vehslage, David D., *Verona, N. J.*
 Villard, Bruce E., *Bethlehem, Pa.*
 Vogt, Howard L., *Pre-Eng., Bellerose, N. Y.*
 Walsack, Robert W., *Newark, N. J.*
 Wandling, Robert B., *P.E., Trenton, N. J.*
 Weaver, Ralph S., *Eng., Catasauqua, Pa.*
 Webb, Ronald S., *North Syracuse, N. Y.*
 Welsh, Steve, *Baltimore, Md.*
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 Wieland, Norma L., *Chem., Hagerstown, Md.*
 Wierman, Michael B., *Hanover, Pa.*
 Wille, Howard A., *Bus. Ad., Baltimore, Md.*
 Williams, John K., *Bus. Ad., Minersville, Pa.*
 Williams, Paul E., *Altoona, Pa.*
 Willis, Robert C., *Eng., Pennsauken, N. J.*
 Wilson, Anne M., *Eng., Martinsburg, W. Va.*
 Witherow, Barbara, *Mus., Gettysburg, Pa.*
 Worts, A. Howard, *Econ., West Englewood, N. J.*
 Wright, Edwin Q., Jr., *Bio., Baltimore, Md.*
 Yingst, Chauncey O., *Econ., Hummelstown, Pa.*
 Young, Frank R., *Bus. Ad., Hackensack, N. J.*
 Zeigler, Jo-Ellen, *Lemoyne, Pa.*
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Abramson, Benjamin, *Philadelphia, Pa.*
 Afstamos, John, *Annnville, Pa.*
 Albright, Madeline, *Upper Darby, Pa.*
 Alspach, Glenn, *Annnville, Pa.*
 Antonelli, Walter, *Teaneck, N. J.*
 Arnold, Mary, *Houston, Pa.*

Barrick, Harry, *Woodsboro, Md.*
 Basehore, John, *Gettysburg, Pa.*
 Beck, Carl, *Pittsburgh, Pa.*
 Becker, Earl, *Frederick, Md.*
 Beimler, Richard, *Yonkers, N. Y.*
 Bell, Charles, *Hanover, Pa.*
 Betskoff, Merle, *Collingswood, N. Y.*
 Bittner, Lloyd, *Boswell, Pa.*
 Bloom, Margaret, *York, Pa.*
 Blunk, Kurt, *Orangeburg, N. Y.*
 Blymire, George, Jr., *Philadelphia, Pa.*
 Bohn, Donald, *Camp Hill, Pa.*
 Bowman, Kenneth, *Palmira, Pa.*
 Bracken, Thomas, *Philadelphia, Pa.*
 Bream, Gwenn, *Gettysburg, Pa.*
 Bream, Jack, *Gettysburg, Pa.*
 Briggs, Robert, *Silver Spring, Md.*
 Brown, Barry, *Haddonfield, N. J.*
 Brown, Edward, *Merchantville, N. J.*
 Bucher, Gary, *Biglerville, Pa.*
 Buchter, Richard, *Copague, N. Y.*
 Buggeln, John, *Long Island City, N. Y.*
 Burns, Hugh, *Garden City, N. Y.*
 Busch, Robert, *Brooklyn, N. Y.*

Carswell, Stuart, *Newark, Del.*
 Cassels, John, *Glenolden, Pa.*
 Chambers, William, *Erie, Pa.*
 Corcoran, William, *Harrisburg, Pa.*
 Coull, Curtis, *Norristown, Pa.*
 Craver, Douglas, *Lexington, N. C.*
 Crist, Esther, *Fairfield, Pa.*
 Culbertson, Frederick, *Perry, Mo.*
 Davis, Frances, *Wyalusing, Pa.*
 Detwiler, Paul, Jr., *Bedford, Pa.*
 Dickson, Robert, *Camp Hill, Pa.*
 DiPalma, Anthony, *Rockaway, N. J.*
 Dise, George, *Glen Rock, Pa.*
 Dolphin, Charles, *Philadelphia, Pa.*

Ehrhart, Frieda, *York, Pa.*
 Einwachter, William, *Arbutus, Md.*
 Evans, James, *Dillsburg, Pa.*
 Falk, Leonard, *Iron Springs, Pa.*
 Faulkner, Thomas, *Upper Darby, Pa.*
 Fidler, Dorothy, *Gettysburg, Pa.*
 Fireoved, Don, *Springfield, Pa.*
 Forte, Franklin, *York, Pa.*
 Foster, Paul, *Philadelphia, Pa.*
 Frey, Raymond, *York, Pa.*
 Fritchey, Margaret, *Harrisburg, Pa.*
 Fuhrmeister, Frederick, *Havertown, Pa.*

Gasser, Gerald, *Malvern, Pa.*
 Glass, John, *Fannettsburg, Pa.*
 Graham, Ruth, *Baltimore, Md.*
 Griesmann, Donald, *Gettysburg, Pa.*
 Grove, Emma, *Hanover, Pa.*

Haar, Norman, *Hanover, Pa.*
 Haase, George, *Parkersburg, W. Va.*
 Hagler, Peter, *Rockville Centre, N. Y.*
 Hajjar, Josephine, *Harrisburg, Pa.*
 Hamlin, Jay, *Fairfield, Pa.*
 Hamme, Lloyd, *Hanover, Pa.*
 Harcourt, Robert, *Westfield, N. J.*
 Harris, Albert, Jr., *York, Pa.*
 Hay, Ted, *Gettysburg, Pa.*

Hays, Carolyn, *Emmitsburg, Md.*
 Heldt, Rachael, *Gettysburg, Pa.*
 Hershey, J. Henry, *Cashtown, Pa.*
 Herz, Gerald, *New York, N. Y.*
 Hildebrand, John, *Wilkes-Barre, Pa.*
 Hill, Alfred, *Woodbury, N. J.*
 Hirt, Arthur, *Gettysburg, Pa.*
 Holtzapfel, Kenneth, *Dallastown, Pa.*
 Homan, Donald, *Moorestown, N. J.*
 Hoos, Charles, *Westfield, N. J.*
 Hoppe, Barton, *Harrisburg, Pa.*

Jacobi, Ronald, *Haddon Heights, N. J.*
 Jacobs, Richard, *Gettysburg, Pa.*
 Johnson, Elmer, *Gettysburg, Pa.*
 Jones, E. Aliene, *Chambersburg, Pa.*
 Jones, Glenwood, *Baltimore, Md.*
 Jury, Jacqueline, *Gettysburg, Pa.*

Kalil, Raymond, *Bayonne, N. J.*
 Katz, Robert, *Brooklyn, N. Y.*
 Kenworthy, Robert, *Gettysburg, Pa.*
 Klupt, Gene, *Baltimore, Md.*
 Knechel, Martha, *Gettysburg, Pa.*
 Knup, William, *Philadelphia, Pa.*

Laing, William, *Westfield, N. J.*
 Landino, Robert, *Thorndale, Pa.*
 Latsha, Anna, *Hickory Corners, Pa.*
 Lawson, Lemuel, *Dallastown, Pa.*
 LeGore, Barbara, *LeGore, Md.*
 Lehr, William, *Chevy Chase, Md.*
 Lichtenberger, Walt, *High Spire, Pa.*
 Lichtenfeld, David, *Drexel Hill, Pa.*
 Light, C. Lindley, *York, Pa.*
 Lighter, Susan, *Gettysburg, Pa.*
 Lincoln, Eugene, *Royersford, Pa.*
 Loen, Ralph, *Allendale, N. J.*
 Lowe, William, *Shrewsbury, Pa.*
 Lupp, Gilbert, *Gettysburg, Pa.*

McKean, Kenneth, *Amenia, N. Y.*
 McLeary, Richard, *Johnstown, Pa.*
 Mahtani, Pushpa, *Medan, Sumatra*
 Malin, Thomas, *York, Pa.*
 Marx, Peter, *Arlington, Va.*
 Mason, Margaret, *Falls Church, Va.*
 Megee, John, *Lansdowne, Pa.*
 Mister, Jimmie, *Crisfield, Md.*
 Molnar, Joseph, *Pittsburgh, Pa.*
 Moore, Herbert, *Clayton, N. J.*
 Morelock, Kenneth, *Taneytown, Md.*
 Morro, William, *Guttenberg, N. J.*
 Moul, George, *East Berlin, Pa.*
 Moul, Margaret, *East Berlin, Pa.*

Neal, Robert, *Shrewsbury, Pa.*
 Noll, Thomas, *Harrisburg, Pa.*
 Notaro, John, *Pittsburgh, Pa.*

Palmer, Jack, *Middletown, Pa.*
 Pannell, Glenn, *Stony Point, N. Y.*
 Parker, Robert, *Bronx, N. Y.*
 Peak, William, *Merchantville, N. J.*
 Pease, N. Ronald, *Mechanicsburg, Pa.*
 Pennington, Phelps, *Gettysburg, Pa.*
 Polity, Richard, *Teaneck, N. J.*
 Purdy, James, *Yardley, Pa.*

Ramsey, Larry, *New Cumberland, Pa.*
 Rawhouser, Frances, *York, Pa.*
 Reiche, John, *Weatherly, Pa.*
 Reid, Walton, *Bala-Cynwyd, Pa.*
 Reindollar, Dolores, *Littlestown, Pa.*
 Renner, Nancy, *Littlestown, Pa.*
 Resley, Ronald, *Hancock, Md.*

Robinson, James, *York, Pa.*
 Ruby, Samuel, *Johnstown, Pa.*
 Ruos, James, *Quakertown, Pa.*

Santora, Frank, *Wexford, Pa.*
 Schick, Joan, *Philadelphia, Pa.*
 Schuman, Ray, *Hanover, Pa.*
 Sechrist, Frank, *Shrewsbury, Pa.*
 Segner, Patricia Crane, *Brooklyn, N. Y.*
 Sell, Walter, *Johnstown, Pa.*
 Sharp, Robert, *Glenside, Pa.*
 Shearer, Mary Ann, *Philadelphia, Pa.*
 Shoemaker, Richard, *Thomasville, Pa.*
 Shreve, Douglas, *Woodstock, Md.*
 Shuff, Rodney, *Gettysburg, Pa.*
 Shull, Samuel, *York, Pa.*
 Simon, Suzanne, *York, Pa.*
 Small, Alexander, *Colonia, N. J.*
 Smith, Mitzi, *Mont Alto, Pa.*
 Smith, Norman, *Verona, N. J.*
 Smith, Peter, *Andover, Mass.*
 Soltesz, James, *Zelenople, Pa.*
 Spangler, Daniel, *York, Pa.*
 Spangler, Gerald, *Bedford, Pa.*

Starner, Clair, *New Freedom, Pa.*
 Stauderman, Edward, *Mount Vernon, N. Y.*
 Spessard, Martin, *Hagerstown, Md.*
 Sulouff, Nelson, *Gettysburg, Pa.*

Teeter, Nancy, *Gettysburg, Pa.*
 Teskey, Robert, *Bernardsville, N. J.*
 Teti, Alfred, *Haddon Heights, N. J.*
 Thrush, John, *Gettysburg, Pa.*
 Tool, Robert, *Cranford, N. J.*

Van Vest, Walter, *Upper Darby, Pa.*
 Vidi, Bart, *Westminster, Md.*
 Vovakis, Lewis, *Carlisle, Pa.*
 Weiser, Fred, *Glen Ellyn, Ill.*
 Welsh, Steve, *Baltimore, Md.*
 Weybright, Harold, *Thurmont, Md.*
 Whitcomb, John, *York, Pa.*
 Williams, Donald G., *Wilmington, Del.*
 Woodward, Albert, *Moylan, Pa.*
 Wright, George, *Wilmington, Del.*

Yinger, Helen, *Braddock Heights, Md.*
 Young, George, *Harrisburg, Pa.*

Students Not Candidates for a Degree

Ernest Brown
 Carol Eckman
 Dorothy Fidler
 Barbara Marx
 Eiichi Matsushita

Helen Renner
 Elizabeth Sheffer
 Claire Smeltz
 Crawford Witherow

Post Graduate Students 1954-55

Mary Albaugh
 Elizabeth Garrett
 Charles Held
 Edwin Hirschmann
 Stanley Hostler
 David Houck
 T. William Krebs

Philip Kulp
 James Lentz
 Dante Scalzi
 Jeanne Waltemyer Weber
 Catharine Work
 Joseph Zaccano
 Arlene Zellers

Summary

Students in College First Semester 1954-55

	MEN	WOMEN	TOTAL
Seniors	181	49	230
Juniors	236	53	289
Sophomores	231	84	315
Freshmen	294	110	404
Special	12	11	23
	954	307	1,261

Geographical Distribution of Students

STATE	STUDENTS
Pennsylvania	701
New Jersey	243
New York	131
Maryland	106
Virginia	14
Washington, D. C.	12
Connecticut	10
Other States	44

Commencement 1954

June 6

Commencement Speaker
William Lawrence Shirer

Bachelor of Arts

Summa Cum Laude

William Herbert Clement
Winona Jane Drennen
Robert Michael Gemmill
Jacquelyn May Harvey
Earl Rudisill Humbert
Anita Margit Holmsten Samuelsen

Magna Cum Laude

Mary Catharine Albaugh
**Barbara Erb Bowlby
Jean Louise Franz
Mary Elissa Kauffman
Faye Elsa Luckenbill
Gladys Arlene Weirick Owen
Carolyn Jane Rumbaugh
Don Franklin Ryder, Jr.
Adrian Saltzman Weyn

Cum Laude

Dolores Aileen Elwood
Edna Patricia Ann Heckman
Robert John Knopf
Thomas Aaron Lunn
Patricia Joanne Weikel Maddox
Ann Munro Martin
Nancy Joan Penniman
Harold Myers Raffensperger

Rite

Donald Kriete Adickes
Arthur Coldren Aikin, Jr.
*Robert Hayden Aldstadt
*Ethel Virginia Alexander
**Nicholas Leo Allard
Frederick Spiers Almy, Jr.
Frank Dallas Armstrong, Jr.
James Raymond Arnfield
Babette Bailey Bacheller
Ronald Bruce Bakeman
Wayne Emerson Bates
*Marvin Leonard Belk
**Bernhard Allen Bernstorf
Sheldon Joseph Bohen
Donald Edwin Bollinger
*Joseph Ralph Bowman
**Kenneth Richard Bowman
Marjorie Ann Brandt
Roger Peter Bray
**Helen Myers Bream
John Thomas Brennan
Robert Dallas Brubaker

**Joan Burwell
Daniel McClain Bushman
Joel Sandt Carlson
Alan Bernard Coates
Joseph Aitken Coleman, III
Alan Gregson Comery
Marvin Richard David
**Ruth Edna Davis
James Grant Davison
Shirley Ann Deane
Robert Barry Deickler
**Ralph Enrico DeMichele
William George Dickinson
Robert John Dietze
George Dunn, III
Enos Charles Eberly
Edward William Ebersole
Arthur McKinley Eckert
Donald Charles Elwell
Margaret Ann Engel
Robert Miller Etter
Jane Lee Evans
Gerald Schneck Evelan
Mary Anna Feeman
Marjorie Ann Fickel
Ralph Conrad Fischer
Robert Lincoln Fischer
Edward Joseph Fisher, III
Rodney Sterling Fisher
William Franklin Forbes, III
Barbara Anne Franke
**Frank Michael Franz, Jr.
Albert William Frederick
Michael Joseph Frinzi, Jr.
Alfred Granville Gilliss, Jr.
Joan Virginia Glaser
Robert Leland Graeff
Kenneth Richard Greene
Carl Fester Greth
Philip George Guarneschelli
Donald Richard Guise
John Robert Habeeb
Denise Roux Haldt
Barbara Hall
Irene Lillian Hallstein
Nancy Hansmann
Marlowe Hanson
William Boyd Harris
Charles Hampton Harrison
Shirley Marie Hawk
Walter William Hemberger
*Edward Henry Henning
Paul Francis Henning, Jr.

*Completed requirements September 4, 1953

**Completed requirements January 28, 1954

- Bryant Heston
 Theodore Ralph Hildebrand
 Richard Vernon Hoke
 Donald James Holland
 Barbara Ann Holley
 Carolyn Mildred Hutt
 Eugene Miller Ickes
 Elizabeth May Johnson
 Ruth Carol Jones
 Eugene Flaherty Jones
 Mary Agnes Jones
 John Alexander Kadiak
 **John Eugene Kammerer
 George David Katz
 Karl Jay Kauffman
 *William Harold Keers, Jr.
 John Henry Keller, Jr.
 Ann Louise Kircher
 George Bruce Knecht
 Richard Hartzell Krebs
 Robert Henry Krick
 Lawrence Paul Kroggel
 Kearney Yarnell Kuhlthau, Jr.
 Gethin Joseph Kurtz
 James Harold Lampe
 Joseph James Lang, Jr.
 John Richard Larkin
 Marilyn Jean Lehman
 Franklyn Joseph Leinhardt
 Glenn Frederick Leister
 Robert Harry Logan
 Susan Elizabeth Gotwald Lose
 Donald George Luck
 Henry William Lush
 Philip Arthur Lynch
 **Betty Lovelle Rambo MacDonald
 **Harvey Watts McCabe
 James Angus McCallum, Jr.
 Bruce Ronald McCleary
 Ruth Esther McComas
 Charles Warner McElfresh
 Theodore William McKenrick, Jr.
 Earl Joseph McMillen, Jr.
 Richard Bryant Macomber
 William Mackie Maguire
 Bruce Anthony Mahon
 **Miles Benjamin Mamula, Jr.
 *William Fry Marks
 John Harvey Martin
 *Donald Sprankle Mays
 Arlene Rose Mey
 William Lantz Middleton
 William Wood Millar
 Mark Joseph Miller
 Ronald Clark Miller
 Nancy Katharine Mitchell
 Barbara Sue Morehead
 Ernest Morrison
 John Helmut Moser
 Samuel Robert Mowery
 Richard David Moyer
 Edith Muller
 Grace Alice Mumma
 Barbara Patterson Myers
 Nelson Kurtz Myers, Jr.
 Anna Louise Neal
 Oliver Anton Nebel
 *Jack Ernest Nightingale
 Daniel David Oravec
 Joanne Elizabeth Osdal
 John Arthur Owen
 **Larry Darwin Parmer
 James Cleason Peery
 Robert John Peery
 George Charles Pence
 Edward Burke Penry
 Willis Goyme Pratt
 Juliet Audrey Rawlings
 Richard Simpson Redles
 *Dale Albert Reighard
 Leigh Evans Reiley
 John Jerry Reilly
 **Georgeanna Downing Reinbrecht
 Walter Raleigh Rentschler
 Merry Eleanor Rhys
 *Raoul Coleman Richter
 John Frederick Riedel
 George William Rieker, Jr.
 Haines Lippincott Roberts
 John Clark Robinson, Jr.
 Carroll George Rohrbaugh, Jr.
 James Joseph Rooney, Jr.
 James Alvin Rost
 Robert Leslie Sachs
 Lois Louise Sandt
 Alfred John Saner
 Howard William Scheithauer
 John Joseph Schreiber
 Nancy Baum Schunter
 **Carl Schwabenland
 Frank Lawrence Segel
 Ellis Uriah Shaffer
 *Melvin George Shaffer, Jr.
 Donald Arthur Shambaugh
 Samuel Alvin Shaulis
 Howard Franklin Sheets, Jr.
 Ephraim Clinton Sheffer
 John Crawford Sheppard, Jr.
 Arlene Ruth Sholly
 William Richard Shull
 Arthur Melville Smart
 *Carolyn Elizabeth Smith
 Suzanne Monroe Davis Smith
 Benjamin Clark Snyder
 Nancy Ann Stephens
 Marion Eileen Stroehmann
 Joan Elizabeth Taylor
 Joseph Stephen Ujbai
 Richard Louis Urgo
 Frieda Elizabeth Vierling
 Robert Elliott Vliet
 Barbara Christine Wagner
 Charles Gibbs Wagner
 **Louise Fay Kirk Walsh
 Earl Burnell Wantz
 Gerald Alfred Ward
 Edward Eugene Warthling
 Albert LeRoy Weber
 Don Bright Weems, Jr.
 Walter Robert Welliver
 **Lois Tabor Wigton
 Edgar Guy Wiker
 Harry Edward Williams
 Jay Paul Arnold Williams
 John Edward Williams
 Earl Eugene Winand
 James Robert Wingert, Jr.
 William Norton Wishard
 Richard Edgar Wolfe
 Josephine Annette Yingling
 Judith LaMar Yingling
 Ronald Paul Yuzuk
 Donald Eugene Zerby
- Valedictorian*
 Earl Rudisill Humbert

Salutatorian
 Anita Holmsten Samuelsen

Highest Class Honors
 Senior
 Dolores Aileen Elwood
 Jean Louise Franz

*Completed requirements September 4, 1953

**Completed requirements January 28, 1954

Class Honors

Senior

Mary Catharine Albaugh
William Herbert Clement
Winona Jane Drennen
Edward Joseph Fisher, III
Robert Michael Gemmill
Philip George Guarneschelli
Jacquelyn May Harvey
Edna Patricia Ann Heckman
Earl Rudisill Humbert
Mary Elissa Kauffman
Robert John Knopf
Robert Henry Krick
Faye Elsa Luckenbill
Thomas Aaron Lunn
Patricia Joanne Weikel Maddox
Ann Munro Martin
Nancy Katharine Mitchell
Juliet Audrey Rawlings
Merry Eleanor Rhys
James Alvin Rost
Anita Margit Holmsten Samuelsen
Barbara Christine Wagner
Don Bright Weems, Jr.
Adrian Saltzman Weyn

Highest Class Honors

Junior

Phyllis Eleanor Berger
Robert Frank Matthias
Francis Vincent Scalzi

Class Honors

Junior

Richard Irvin Brubaker
William Landefeld Chambers
Patricia Crane Segner
Alice May Davis
Donald Jean Ely
Robert Gordon Eppleman
Martin Luther Fackler, Jr.
Cynthia A. Frolen
Joseph Samuel Georgiana
Donald Carl Griesel
Eugene Frederick Irschick
Diane Carol Kennedy
Edward Alfred Livingston
Colin Franklin Neuhaus
Clara Jane Rogers
Susan Rumberger
John Dorsey Thrush
Henrietta Wilhelmina Velecky
Edward Webster
Ronald Henry Weinelt
Marjorie Arlene Worth

Class Honors

Sophomore

Mary Nora Berthold
Sylvia Ann Flickinger
Fred Wright Hopkins, Jr.
Leonard Graham Jewson
Marilyn Lucille Kreider
Beverly Ann McConnell
John William McGaughy
Patricia Jane McLaughlin
Robert Hargett Mack
Jacob Wayne Streilein
Christa Margarete Wilmanns Wells
Carol Dawn Zukswert

Highest Class Honors

Freshman

John Michael Bishop
Charles Franklin Eshleman, Jr.

Wilson Allen Heefner
Jeanette Anne Scott
Nelson Raymond Sulouff

Class Honors

Freshman

Edwin Bachman
Joan Frances Benfer
Samuel Moffitt Eppley
Dorothy Eleanor Heyman
Carl Julius Jensen, Jr.
John David Little
Anne Virginia Marshall
John Nathan Rightmyer
Martha Anna Rilling
Barbara Lewis Ritz
Jerry Kenneth Robbins
Robert Charles Schultz
Odette Ruth Schwager
Frederick Galen Stroehmann
Mary Ann Sulzer
Frederick Sheely Weiser
Cynthia Fern Wertz
Shirley Louise White

Departmental Highest Honors

In Bible

Anita Margit Holmsten Samuelsen

In Chemistry

Mary Catharine Albaugh
William Herbert Clement

In English

Winona Jane Drennen
Carolyn Jane Rumbaugh

In Economics

Robert Michael Gemmill
Jacquelyn May Harvey

In Latin

Patricia Joanne Weikel Maddox

In Philosophy

Earl Rudisill Humbert

In Physical Education

Faye Elsa Luckenbill

In Political Science

Don Franklin Ryder, Jr.

Departmental Honors

In Biology

Edna Patricia Ann Heckman
Adrian Saltzman Weyn

In Chemistry

Robert John Knopf

In Economics

James Alvin Rost

In English

Marjorie Ann Brandt
Jean Louise Franz
Juliet Audrey Rawlings

In French

Barbara Christine Wagner

In Latin

Ruth Esther McComas

*In Mathematics*Nancy Joan Penniman
Harold Myers Raffensperger*In Physical Education*

Nancy Katharine Mitchell

In Political Science

Thomas Aaron Lunn

*In Psychology*Dolores Aileen Elwood
Gladys Arlene Weirick Owen
Merry Eleanor Rhys*In Spanish*Theodore William McKenrick, Jr.
Mary Elissa Kauffman*Seniors Elected to Phi Beta Kappa*Mary Catharine Albaugh
Barbara Ann Erb Bowlby
William Herbert Clement
Winona Jane Drennen
Dolores Aileen Elwood
Jean Louise Franz
Robert Michael Gemmill
Jacquelyn May Harvey
Earl Rudisill Humbert
Mary Elissa Kauffman
Robert John Knopf
Faye Elsa Luckenbill
Patricia Joanne Weikel Maddox
Gladys Arlene Weirick Owen
Nancy Joan Penniman
Carolyn Jane Rumbaugh
Don Franklin Ryder, Jr.
Anita Margit Holmsten Samuelsen
Adrian Saltzman Weyn*Seniors in Gettysburg Honor Society*Arthur Coldren Aikin, Jr.
Winona Jane Drennen
Ralph Conrad Fischer
Jean Louise Franz
Jacquelyn May Harvey
Edna Patricia Ann Heckman
Mary Elissa Kauffman
Donald George Luck
Faye Elsa Luckenbill
Thomas Aaron Lunn
Patricia Joanne Weikel Maddox
Joanne Elizabeth Osdal
Nancy Joan Penniman
Juliet Audrey Rawlings
James Alvin Rost
John Joseph Schreiber
Barbara Christine Wagner*Air Force Association Prize*

John Clark Robinson, Jr.

*Association of the United States
Army Prize*

Thomas Aaron Lunn

Baum Mathematical Prize

John William McGaughy

With Honorable Mention

Theodore Henry Rehmeier

Beachem Award

Ronald Clark Miller

C. E. Bilheimer Award

Faye Elsa Luckenbill

Brotherhood Award

William Edward Hershey

Chi Omega Social Science Award

Lois Louise Sandt

*Class of 1916 Award*Bonnie Gail MacGibeny
Ernest Blane Paliszewski*Delta Gamma Alumnae Association Award*

Cynthia A. Frolen

Delta Phi Alpha Prize

Theodore Ralph Hildebrand

Garver Greek Prize

Robert Hargett Mack

*With Honorable Mention*Nelson Raymond Sulouff
William Calvin Jacobs*Garver Latin Prize*

Iris Fehl Martin

George R. Miller Memorial Award

Arthur Coldren Aiken, Jr.

*Hamme Award*Robert Gordon Eppleman
James Bryan Lau, Jr.
Constance Courtenay Lenhard*Hanson Award*

Earl Rudisill Humbert

Hassler Latin Prize

Cynthia A. Frolen

Military Memorial Prize

Don Franklin Ryder, Jr.

Moore Award

Winona Jane Drennen

Muhlenberg Freshman Prize

John Pennell Neikirk

Nicholas Bible Prize

Anita Margit Samuelsen

*Phi Sigma Iota Prize*Susan Gotwald Lose
Barbara Christine Wagner

Sceptical Chymists Prize

Anna Jane Latsha
Arthur Melville Smart

Stine Chemistry Prize

William Herbert Clement

Weaver Scholarship Foundation

Thomas Aaron Lunn
Don Franklin Ryder, Jr.

Zimmerman Senior Prize

William Franklin Forbes, III
Nancy Joan Penniman

United States Army Commissions

Commissioned as Second Lieutenants in the United States Army Reserve

*†Ronald B. Bakeman
John T. Brennan
†Joel S. Carlbon
*William H. Clement
Joseph A. Coleman, III
*William G. Dickinson
†Edward W. Ebersole
†Donald C. Elwell
†Gerald S. Evelan
*†Ralph C. Fischer
**Edward J. Fisher, III
Rodney S. Fisher
†Alfred G. Gilliss
Robert L. Graeff
Kenneth R. Greene
†Philip G. Guarneschelli
Billy B. Harris
Richard V. Hoke
*Robert J. Knopf

Marlowe Hanson
†James H. Lampe
John R. Larkin
*†Thomas A. Lunn
Henry W. Lush
Earl J. McMillen, Jr.
Thomas E. Noll
†Robert J. Peery
Edward B. Penry
Willis G. Pratt
Haines L. Roberts
James J. Rooney
*Don F. Ryder, Jr.
Alfred J. Saner
Frank L. Segel
Robert J. Sorrell
*Adrian S. Weyn
†John E. Williams
Ronald P. Yuzuk

United States Air Force Commissions

Commissioned as Second Lieutenants in the United States Air Force Reserve

Kurt G. Blunck
Roger P. Bray
Robert D. Brubaker
†Richard F. Buchter
James G. Davison
†Robert J. Dietze
*Robert M. Gemmill
Walter W. Hemberger
Bryant Heston
Ronald A. Jacobi
Eugene F. Jones
George B. Knecht
Richard H. Krebs
*Robert H. Krick
Lawrence P. Kroggel
Kearney Y. Kuhlthau
*Gethin J. Kurtz
Bruce R. McCleary

†Theodore W. McKenrick
†Ronald C. Miller
*Harold M. Raffensperger
†John J. Reilly
Walter B. Rentschler
John C. Robinson, Jr.
*James A. Rost
Robert L. Sachs
*†John J. Schreiber
Donald A. Shambaugh
Samuel A. Shaulis
Howard F. Sheets, Jr.
William R. Shull
Joseph S. Ujobai
Charles G. Wagner
Edward E. Warthling
†Earl E. Winand
*Donald E. Zerby

*Distinguished Military or AFROTC Graduates
†To be commissioned upon completion of Summer Camp
**Distinguished Military Graduates to be commissioned in Regular Army

Commissioned as Second Lieutenants in the United States Air Force Reserve
July 24, 1953

Marvin L. Belk
Edward H. Henning

Raoul C. Richter

Certificates of Completion

Tendered Air Force Reserve Officers' Training Corps Certificate of Completion

†Frederick S. Almy, Jr.
†Wayne E. Bates
Daniel M. Bushman
Robert E. Deickler
Robert M. Etter
Albert W. Frederick
Carl F. Greth
Donald R. Guise
John R. Habeeb
†Charles H. Harrison

Donald J. Holland
Richard B. Macomber
*John H. Martin
Nelson K. Myers, Jr.
†Oliver A. Nebel
Benjamin C. Snyder
Robert E. Vliet
Walter R. Welliver
George M. Young

*Distinguished Air Force ROTC Student and Graduate
†To be tendered a Certificate of Completion upon completion of Summer Camp

*Honorary Degrees**Doctor of Divinity*

Lauri John Anderson
Paul Levi Foulk
George Elmer Sheffer

Doctor of Commercial Science

John William Hooper

Doctor of Letters

Carroll Schell Voss

Doctor of Humane Letters

Thomas Zeno Minehart

Doctor of Laws

William West Tomlinson
Robbin Bayard Wolf

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ANNOUNCEMENT OF COURSES 1956-1957

Vol. XLVI - February, 1956 - No. 2

GETTYSBURG COLLEGE
GETTYSBURG, PENNSYLVANIA

The provisions of this bulletin are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change any provision or requirement at any time, but its practice is to make no provisions retroactive.

*Published in January, February, March, April, June,
October, December*

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Foreword

Objectives of Gettysburg College

Gettysburg College, an independent, church-related college, seeks to encourage the sound development of its students in an atmosphere of Christian ideals. In particular, the aims of the College may be stated as follows:

- (1) To emphasize to the student the importance of the Christian faith as an integrating force in life.
- (2) To awaken his interest in the physical and social sciences and in the humanities to the end that he will enrich his appreciations and that he will develop a worth-while philosophy of living.
- (3) To enable him to gain a broad and solid preparation for his chosen work and to take a creative part in his contemporary world.
- (4) To give careful attention to his physical well-being; to train him in wise use of his leisure time; and to help him recognize his responsibility to live in harmony not only with himself but also with his fellow man.

Thus Gettysburg College seeks to provide for the spiritual, intellectual, social, and physical growth of its students through the framework of an enduring philosophy of higher education, in a setting of intimate personal contacts between teacher and student.

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(Session days are indicated by bold-face type)

(Session days are indicated by bold-face type)

1955

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1956

JANUARY							FEBRUARY							MARCH							APRIL						
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8	9	10	11	12	13	14	5	6	7	8	9	10	11	4	5	6	7	8	9	10	8	9	10	11	12	13	14
15	16	17	18	19	20	21	12	13	14	15	16	17	18	11	12	13	14	15	16	17	15	16	17	18	19	20	21
22	23	24	25	26	27	28	19	20	21	22	23	24	25	18	19	20	21	22	23	24	22	23	24	25	26	27	28
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
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1957

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MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
26	27	28	29	30	31	..	23	24	25	26	27	28	29	28	29	30	31	25	26	27	28	29	30	31
..	30

COLLEGE CALENDAR

1956-1957

1956

June 6
July 13
July 16
August 24

SUMMER SESSION

Wednesday, Registration
Friday, First session ends
Monday, Second session begins
Friday, Second session ends

FALL SEMESTER

September 17-20

September 20
September 21
October 6
October 20
November 12
November 21

November 26
December 15

Monday-Thursday, Orientation Week and Registration
Thursday, Formal Opening Exercises, 11:00 A.M.
Friday, Classes begin 8:00 A.M.
Saturday, Father's Day
Saturday, Alumni Homecoming
Mid-Semester reports
Wednesday, Thanksgiving Recess begins 12:00 noon
Monday, Thanksgiving Recess ends 8:00 A.M.
Saturday, Christmas Recess begins 12:00 noon

1957

January 3
January 9-11
January 22-31

Thursday, Christmas Recess ends 8:00 A.M.
Wednesday-Friday, Senior Comprehensive Examinations
Tuesday-Thursday, Mid-year Examinations

SPRING SEMESTER

February 4
February 5
February 18-20
March 8-10
March 25
April 17
April 24
April 29-May 1
May 4
May 7
May 23-June 1
June 8
June 9

Monday, Registration
Tuesday, Classes begin
Monday-Wednesday, Religious Emphasis Week
Friday-Sunday, Interfraternity Weekend
Mid-Semester reports
Wednesday, Easter Recess begins 8:00 A.M.
Wednesday, Easter Recess ends 8:00 A.M.
Monday-Wednesday, Senior Comprehensive Examinations
Saturday, Mother's Day
Tuesday, Spring Registration
Thursday-Saturday, Final Examinations
Saturday, Alumni Day
Sunday, Commencement

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1932	HARRY H. BEIDLEMAN, D.D., Hanover	
1939	EDWARD W. FURST, Swarthmore	

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Nurse

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Nurse

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Nurse

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* Head of the Department.

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A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary*; Ph.D.,
Columbia University.

MARTHA STOREK, *Associate Professor of German*
A.B., *Connecticut College*; Ph.D., *Bryn Mawr College*.

CLARENCE BARTHOLOMEW, *Associate Professor of Health and Physical Education*
B.S., M.S., Ed.D., *University of Pennsylvania*.

ANGEL FRANCO, *Associate Professor of Spanish*
A.B., A.M., *University of Puerto Rico*; Ph.D., *University of Madrid*.

ROBERT L. BLOOM, *Associate Professor of History*
B.S., *Shippensburg State Teachers College*; A.M., *Duke University*; Ph.D.,
Columbia University.

MARVIN M. HENSLEY, *Associate Professor of Biology*
A.B., *Greenville College*; M.S., *University of Illinois*; Ph.D., *Cornell University*.

* Died January 21, 1956.

† On leave of absence.

Assistant Professors

JOSEPH K. WOLFINGER, *Assistant Professor of English*
A.B., *St. John's College*; A.M., *The Johns Hopkins University*.

HARRY F. BOLICH, *Assistant Professor of English*
A.B., A.M., *Bucknell University*.

HEINZ LANGERHANS, *Assistant Professor of Sociology*
PH.D., *University of Frankfurt*.

JOHN M. YOVICSIN, *Assistant Professor of Health and Physical Education*
A.B., *Gettysburg College*; M.S., *University of Pennsylvania*.

CONWAY S. WILLIAMS, *Assistant Professor of Economics*
A.B., *Columbia University*; M.S., *Columbia School of Business*.

GRACE C. KENNEY, *Assistant Professor of Health and Physical Education*
B.S., *New York University*; A.M., *Columbia University*.

CHESTER JARVIS, *Assistant Professor of Political Science*
A.B., A.M., *University of California*.

W. RICHARD SCHUBART, *Assistant Professor of Philosophy*
A.B., *Dartmouth College*; A.M., *Columbia University*.

PAUL R. BAIRD, *Assistant Professor of Economics*
A.B., A.M., *Pennsylvania State University*.

R. HENRY ACKLEY, *Assistant Professor of Music*
A.B., *Western Maryland College*; *Peabody Conservatory of Music*.

CAPT. RICHARD T. ANDREWS, *Assistant Professor of Air Science and Tactics*
A.B., *Willamette University*.

BASIL L. CRAPSTER, *Assistant Professor of History*
A.B., *Princeton University*; A.M., PH.D., *Harvard University*.

CHARLES H. GLATFELTER, *Assistant Professor of History*
A.B., *Gettysburg College*; PH.D., *The Johns Hopkins University*.

RICHARD T. MARA, *Assistant Professor of Physics*
A.B., *Gettysburg College*; M.S., PH.D., *University of Michigan*.

WILLIAM L. SANBORN, *Assistant Professor of French*
A.B., *Dickinson College*; *Diplôme Supérieur de Civilisation Française*, *Doctorat D'Université de Paris*.

KATHRINE KRESSMANN TAYLOR, *Assistant Professor of English*
A.B., *University of Oregon*.

- EDWIN D. FREED, *Assistant Professor of Bible*
A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary, Gettysburg.*
- CAPT. CHARLES L. ANDERSON, *Assistant Professor of Military Science and Tactics*
B.S., *University of Pittsburgh.*
- EUGENE M. HAAS, *Assistant Professor of Health and Physical Education*
A.B., *Gettysburg College*; A.M., *Columbia University.*
- JOHN D. SHAND, *Assistant Professor of Psychology*
A.B., *Amherst College*; A.M., *Harvard University*; PH.D., *University of Chicago.*
- PHILIP JOHNSON, *Assistant Professor of Political Science*
A.B., A.M., *Wagner College.*
- FREDA L. TOWNSEND, *Assistant Professor of English*
A.B., A.M., PH.D., *Duke University.*
- ROBERT D. BARNES, *Assistant Professor of Biology*
B.S., *Davidson College*; PH.D., *Duke University.*
- E. DOUGLAS DANFELT, *Assistant Professor of Music*
B.Mus., *Eastman School of Music*; M.A., *Teachers College, Columbia University.*
- ROBERT E. DAVIES, *Assistant Professor of Health and Physical Education*
B.S., *Seton Hall College*; M.A., *Columbia University.*
- CAPT. JAMES M. GRIDLEY, *Assistant Professor of Military Science and Tactics*
B.S., *West Point.*
- CAPT. VERNON F. HORNIG, *Assistant Professor of Air Science and Tactics*
B.S., *Cornell University.*
- ESTHER V. HOWELL, *Assistant Professor of Economics*
A.B., M.A., PH.D., *University of Illinois.*
- M. SCOTT MOORHEAD, *Assistant Professor of Mathematics*
B.S., M.A., *Washington and Jefferson College*; PH.D., *University of Pittsburgh.*
- MAJOR LEONARD O. PETERSON, *Assistant Professor of Military Science and Tactics*
B.S., *Minnesota State College.*

MAJOR KARL C. TEUFEL, *Assistant Professor of Air Science and Tactics*

B.S., *Roanoke College*; B.D., M.S.T., *Lutheran Theological Seminary, Gettysburg.*

CAPT. MONROE D. ZARTMAN, *Assistant Professor of Air Science and Tactics*

B.S., *Marshall College.*

Instructors

GUILLERMO BARRIGA, *Instructor in Spanish*

B.S., *Columbian Naval Academy*; M.A., *Middlebury College.*

*EDGAR L. EDDINS, *Instructor in Psychology*

A.B., *Gettysburg College*; A.M., *Temple University.*

SIGRID L. LEHNBERGER, *Instructor in French and Spanish*

A.B., *Hofstra College*; A.M., *Duke University.*

JAMES S. LENTZ, *Instructor in Health and Physical Education*

A.B., *Gettysburg College.*

RALPH D. LINDEMAN, *Instructor in English*

A.B., *University of Pittsburgh*; A.M., *Columbia University.*

THEODORE C. DANIELS, *Instructor in Physics*

A.B., *Oberlin College.*

KENNETH V. GARDNER, *Instructor in Biology*

A.B., *Gettysburg College*; M.S., *Cornell University.*

OLIVER W. HELMRICH, *Instructor in Psychology*

A.B., *Lycoming College*; A.M., *Bucknell University.*

JAMES D. PICKERING, *Instructor in English*

A.B., A.M., *Wesleyan University.*

†DONALD W. ROBINSON, *Instructor in Art*

B.F.A., *University of Georgia*; M.F.A., *Columbia University.*

LOIS KADEL, *Instructor in Music, Christ Chapel Organist and Choir Director, Organ and Piano*

B.S., *West Chester State Teachers College*; M.S.M., *Union Theological Seminary.*

CAREY A. MOORE, *Instructor in Bible*

A.B., *Gettysburg College.*

* On leave of absence 1954-1956.

† On leave of absence 1955-1957.

FAYE E. LUCKENBILL, *Instructor in Health and Physical Education*
A.B., *Gettysburg College*; Ed.M., *University of Buffalo*.

MARIE McLENNAND, *Instructor in English*
A.B., A.M., *University of Pittsburgh*.

Assistant Instructors

M/SGT. ANTHONY J. NAVICKAS, *Assistant Instructor in Military Science and Tactics*

M/SGT. JOHN DEBORDE, JR., *Assistant Instructor in Military Science and Tactics*

T/SGT. JOSEPH G. MCCASLIN, *Assistant Instructor in Air Science and Tactics*

M/SGT. DAN J. WARRINGTON, *Assistant Instructor in Air Science and Tactics*

S/SGT. THOMAS G. GIMPEL, *Assistant Instructor in Air Science and Tactics*

SFC. ROBERT JACKSON, *Assistant Instructor in Military Science and Tactics*

S/SGT. THOMAS H. LANE, *Assistant Instructor in Air Science and Tactics*

SFC. ACIE T. MARKSBERRY, *Assistant Instructor in Military Science and Tactics*

M/SGT. JAMES A. WALKER, *Assistant Instructor in Air Science and Tactics*

Lecturers

WILLIAM C. DARRAH, *Biology and Contemporary Civilization*
B.S., *University of Pittsburgh*.

JACK R. CORBIN, *Physics*
B.S., *Millersville State Teachers College*.

ILSE LANGERHANS, *German*
Graduate *Augusta Lycee*.

ALBERT W. BUTTERFIELD, *Mathematics*
B.S., *United States Naval Academy*; A.M., *University of Michigan*.

LENA FORTENBAUGH, *German*
A.B., *Syracuse University*; A.M., *Gettysburg College*.

JEAN ANNE HARTZELL, *English*

A.B., *Gettysburg College*.

FRIEDA JACKSON, *Fine Arts*

A.B., A.M., *Ohio State University*.

ERNEST F. KRAPE, *Fine Arts*

THEODORE BAKERMAN, *Economics*

A.B., *New York University*; A.M., *University of Pennsylvania*.

Private Instructors in Applied Music

VIRGINIA BARRIGA, *Violin*

Student of Ferdinand Fillon and of Marcel Chailley of *L'École Normale*,
Mesique, Paris.

J. HERBERT SPRINGER, *Organ and Piano*

Student of Tobias Matthay and of Frank Manheimer, London, England.

MARIE BUDDÉ, *Voice*

B.M., *Curtis Institute of Music*; *Peabody Conservatory of Music*.

Assistants

MARY C. ALBAUGH, *Chemistry*

A.B., *Gettysburg College*.

MARY A. CRAVER, *Biology*

A.B., *Gettysburg College*.

HELEN H. DARRAH, *Biology*

B.S., M.S., *University of Pittsburgh*.

Faculty Committees

Absences: DUNN, AHRENS, DUNKELBERGER, GEYER, MARA, YOVICSIN.

Admissions and Advance Standing: WOLFE, BLOSS, DUCK, DUNKELBERGER, DUNN, FORTENBAUGH, GLENN, MOORHEAD, SHAINLINE.

Advisory Committee on Athletics: G. BREAM, STEVENS AND MRS. SMITH FOR THE *Alumni*; DUNCAN FOR THE *Trustees*; H. BREAM, DUNN, WOLFINGER FOR THE *Faculty*; STUDENTS.

Catalog: WOLFE, BARTHOLOMEW, CESSNA, DUCK, DUNN, LINDEMAN, MASON, McLENNAND, ZIEGLER.

Ceremonies: SMOKE, BARRIGA, BREAM, CESSNA, DANFELT, HAAS, JONES, KADEL, KRAMER, LUCKENBILL, SHELDON, STOREK, TARMAN, TEUFEL, WAGNILD, ZIEGLER; STUDENTS.

Curriculum and Policy: FORTENBAUGH, ARMS, BACHMAN, BLOSS, BOWEN, BREAM, DUNN, FRYLING, GEYER, GLENN, JONES, KNICKERBOCKER, KRAMER, LONG, RICHARDSON, SHAFFER, SMOKE, STOREK, STOKES, SUNDERMEYER, WAGNILD, WALTEMYER, D. WILLIAMS, WOLFE, ZINN.

Discipline: DUNN, ALLISON, BLOSS, BOWEN, GEYER, HENSLEY, KENNEY, LEHNBERGER, MARA; STUDENTS.

Faculty Handbook: GLENN.

Financial Coordinator of Student Organizations: ZIEGLER.

Lecture and Concert: SUNDERMEYER, ARMS, BACHMAN, GEYER, KORTE, KRAMER, SHAFFER, SHAND, SLOAT, TOWNSEND, WAGNILD.

Library: SUNDERMEYER, BARNES, BARRIGA, CRAPSTER, DANIELS, FREED, GEYER, JARVIS, KNICKERBOCKER, SANBORN, STOKES.

Literary Advisers for Student Publications: TAYLOR, BOLICH, HARTSHORNE, KORTE, RIDDAGH.

Pre-Legal: P. JOHNSON, DUCK, GLATFELTER, JARVIS.

Pre-Medical: DUNN, ALLISON, BOWEN, LONG, MARA, MESSER, WEILAND, ZINN.

ROTC and AFROTC Coordinator: FRYLING

Scholarships: WALTEMYER, BAIRD, BLOSS, BREAM, DUNN, HELMRICH, L. JOHNSON, WAGNILD, WOLFE, ZIEGLER.

Scholastic Standing: DUNN, ARMS, BLOOM, DUCK, P. JOHNSON, SHAINLINE, STOREK, STOKES, WEILAND.

Social Functions and Student Organizations: KRAMER, DUNN, FRANCO, FRYLING, HAMME, HOWELL, L. JOHNSON, KORTE, STOREK, C. WILLIAMS, ZIEGLER; STUDENTS.

Student Senate: FRYLING, BARTHOLOMEW, LUCKENBILL, PICKERING; STUDENTS.

Summer Session: ARMS, DUNN, TARMAN, WOLFE, ZINN.

Synod Relations: KORTE, DUNKELBERGER, FREED, WALTEMYER.

The President of the College is an ex-officio member of all committees.

Location and History

Gettysburg, Pennsylvania, the home of the College, is located in the south-central part of the state, about thirty miles southwest of the state capital, Harrisburg. The town, with a population of approximately seven thousand, lies in the eastern foothills of the Appalachian mountains in an attractive rural setting of rich farmlands and orchards. It is the site of one of the most significant battles in military history and in the history of the nation. The battlefield, which is now a national park, is yearly visited by nearly a million tourists.

"Pennsylvania College of Gettysburg" was chartered on April 7, 1832, as the first Lutheran college in America. The primary purpose of its founders was "To train men and women as leaders who will preserve this civilization with its emphasis on the dignity of the individual as a being created in the image of God." Through the years, continued effort to fulfill this early objective has provided Gettysburg College with a rich history of progress and development.

The College first held classes in a building in town which has since become a private residence. The present campus was established in 1837, when Pennsylvania Hall, the "Old Dorm," was constructed on the former Thaddeus Stevens property. This building, which served as a hospital and headquarters during the battle, still stands in the center of the campus and functions as a men's dormitory. Expansion was accelerated after the Civil War: new buildings were erected, inter-collegiate sports were started, and in 1888 women were first admitted. In 1916 the Army organized a Reserve Officers Training Corps at Gettysburg, making the College the first independent institution to have such a unit. In 1921 the name of the school was officially changed to Gettysburg College.

During the early decades of the century growth was rapid. The student body continued to grow, and many new buildings were added. In 1927, an outstanding year in the growth of the College, Breidenbaugh Science Hall and the Eddie Plank Memorial Gymnasium were completed. The curriculum was expanded to include many new courses and embrace a wide range of study. The faculty was continually augmented and has increased from the original staff of five professors to more than ninety members. The student enrollment now stands at approximately

1,400, a great increase from the small band of sixty-seven who crowded into the limited space of the first college home. Christ Chapel, dedicated in 1953, Buehler Hall, a women's dormitory, and Stine Hall, a men's dormitory, are the most recent additions to the College facilities and bring the total number of buildings to thirty-three. The physical equipment of the College is now valued at approximately \$6,000,000.

Gettysburg College feels that it has been true to its fine traditions and objectives and that it has, over the years, made a valuable contribution to the intellectual and spiritual welfare of the nation. The College will continue to accept the responsibility of providing its students with the best educational advantages that it can offer.

Buildings and Facilities

THE LIBRARY contains about seventy thousand volumes, including essential reference works, and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years, funds are available to meet the special needs of each department, and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stock space, and accommodations for the library staff.

GLADFELTER HALL, erected in 1888-89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. The building is fire-resistive throughout.

The first floor of Glatfelter Hall is occupied by the College Administration, the Director of Guidance and Placement, the Departments of Mathematics, Latin, and Psychology. The Departments of Bible, History, Philosophy, Greek, English, and Romance Languages have their offices and classrooms on the second floor. On the third are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories in Glatfelter Hall are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups.

A temporary structure, attached to the west side of Glatfelter Hall and known as the Annex, provides four auxiliary classrooms.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the Departments

of Chemistry and Physics and the College Radio Station, WWGC. The building was completed in 1927.

The Chemistry Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have separate laboratories and stock rooms equipped with essential apparatus and supplies.

The departmental library, also in Breidenbaugh Hall, contains a substantial reference section adapted to nearly all branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals, including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physics Laboratories, in the south part of Breidenbaugh Science Hall, are equipped with selected modern apparatus for elementary and advanced laboratory work and lecture demonstrations. Also included in the laboratories is a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books on elementary and advanced laboratory experiments and technique, as well as books in the field of general Physics. Carefully selected publications are added each year.

BRUA HALL, erected in 1889-90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for plays, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Hall was erected and made available to the Music Department in 1951.

EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the ROTC, locker and dressing rooms, and showers. On the main floor are the gymnasium proper, a theatrical stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices in the gallery.

ROBERT WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D.,

Class of 1860, a pioneer in the work of the YMCA. In the reconstruction which followed the fire of 1946 it was greatly enlarged, and it now contains a large center hall, an auditorium, a tiled swimming pool, a lounge for students, recreation and browsing rooms, a snack bar, and the offices of the SCA, the Chaplain, and the *Gettysburgian*.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, some of them *en suite*, so that those who desire may have separate study and sleeping rooms.

McKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides dormitory and recreational facilities for women students and houses the College dining hall. The first floor contains a lounge and living quarters for a number of students. The second or main floor contains a large dining hall and a kitchen. On the third floor are rooms for students. Huber Hall was built in 1917.

STEVENS HALL, also on Carlisle Street, was refurnished by the Woman's League for the use of women students. There are accommodations for fifty-two girls, an apartment for the housemother, and a living room. The building was erected in 1868.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty-seven girls and a housemother. There is a kitchen in which breakfast is prepared for resident students.

HANSON HALL, a new dormitory for 104 girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President Emeritus and Mrs. Henry W. A. Hanson. It contains an apartment for a housemother, an apartment for the Dean of Women, two snack kitchens, five sorority rooms and lounges.

BUEHLER HALL, a large residence on Carlisle Street facing the campus, accommodates thirty-eight girls and a housemother. There are a parlor, recreation room, snack kitchen, and lounge.

CHRIST CHAPEL, completed for daily chapel services in September, 1953, stands opposite Weidensall Hall. The Chapel constitutes the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

There are nine classrooms, an art studio, and the offices of the Departments of Fine Arts, German, and Sociology and Social Work in the basement of the Chapel.

THE PRESIDENT'S HOUSE, built in 1915, is situated on the campus at the intersection of Stevens and Carlisle Streets.

THE CHAPLAIN'S RESIDENCE, erected in 1860, is situated on the campus just southeast of Glatfelter Hall.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by four nurses, under the supervision of a medical director.

THE COLLEGE BOOK STORE, situated at the intersection of Stevens and North Washington Streets, dispenses textbooks and accessories. It is owned and administered by the College. It was erected in 1939.

ADDITIONAL BUILDINGS, all located on the central campus, are the Business Office, four fraternity houses, a janitor's home, the heating plant, and certain temporary buildings.

OSOGA LODGE, a rustic cabin located in the South Mountains some twenty miles north of Gettysburg serves as a scenic retreat for student and faculty groups. Two nearby lakes and a mountain creek enable college groups to enjoy boating, swimming, fishing, and other seasonal activities.

TEMPORARY DORMITORIES, erected in 1946 by the College and the Federal Housing Authority to accommodate the influx of students from the armed forces, consist of four buildings just north of Memorial Field. These dormitories accommodate 200 men.

APARTMENTS FOR MARRIED STUDENTS, housed in three buildings, comprise six four-room and four three-room apartments.

THE AIR SCIENCE BUILDING, a temporary structure obtained from the Army in 1947 and formerly operated as a recreation center by the

Student Christian Association, now serves as headquarters and provides classroom facilities for the Department of Air Science and Tactics.

CHARLES M. A. STINE HALL, a new three-story dormitory for men, located on Nixon Field northeast of the Plank Gymnasium, was opened for occupancy at the beginning of the second semester of the 1955-1956 school year.

This modern structure of brick and cement, with tile floors throughout, accommodates 132 students. It contains sixty-six rooms, each equipped with two beds, two dressers, two desks and ample wardrobe and storage space for two. Two shower rooms on each floor, a lounge, and a parlor on the first floor, and a separate gas heating plant in the basement complete the floor plans.

It honors the memory of Dr. Charles M. A. Stine, '01, a former vice-president of the E. I. duPont de Nemour Company in charge of research, a nationally famous chemist, and long-time chairman of the Board of Trustees.

Funds for the completion of Stine Hall were provided by alumni and friends through the efforts of the Office for Development.

ALUMNI HALL, the former Alpha Tau Omega home, has been rented by the College for a period of two years. Located diagonally across Washington Street from the South College Gate, it houses the Office for Development, the Publicity Office, and the Alumni Office. The three offices are located on the main floor with conference rooms on the second floor. A large work room on the ground floor furnishes ample space for addressing and duplicating machines.

PLANS FOR ADDITIONAL BUILDINGS were completed by the Board of Trustees at the December 1955 meeting in Philadelphia. Negotiations are now under way for a new Dining Hall and two additional dormitories to be started within the next six months. The dormitories will be erected between Stine Hall and Science Hall along Lincoln Avenue. Heating and lighting control rooms for these new units are provided in Stine Hall.

With the removal of dining facilities from Huber Hall this building will be remodeled to provide additional rooms for women students.

The Woman's League of Gettysburg College has undertaken the reconstruction of Brua Hall to provide a "Little Theater" in the former Chapel auditorium with a seating capacity of at least three hundred.

Athletic Fields

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination field for football and track.

NIXON FIELD, a seven-acre area lying east of the Gymnasium, the former baseball diamond, is now a men's dormitory area.

IRA PLANK MEMORIAL BASEBALL FIELD, lying northwest of Eddie Plank Memorial Gymnasium and containing a diamond with 400-foot foul lines, is devoted exclusively to intercollegiate baseball.

INTRAMURAL FIELD, north of Broadway, contains four clay and four rubico composition tennis courts and soccer, hockey, softball, and football fields.

GIRLS' HOCKEY FIELD, lying just south of the Eddie Plank Gymnasium, is a new hockey and intramural athletic field for girls.

College Expenses

Comprehensive Fee

Gettysburg College operates under the comprehensive fee plan. The student pays an all-inclusive fee which includes tuition, general fees, all laboratory fees, the athletic fee, the health fee, the library fee, graduation fees, the student chest fee, etc.—in short, all academic expenses except books and private lessons in music. Under such a system every student and every parent will know well in advance exactly how much each year's College expenses will be.

The comprehensive fee allows a student to take from 20 to 36 credit hours per academic year (10 to 18 per semester). Anyone pursuing studies which total more than 18 semester hours per semester must pay \$20.00 tuition per semester hour above the 18 hours allowed.

Comprehensive Fee	\$725.00
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Board

College Dining Hall	\$400.00
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Room Rents

Aughinbaugh Hall	\$120.00
Buehler Hall	150.00
Hanson Hall	200.00
Huber Hall	150.00
McKnight Hall	150.00
Pennsylvania Hall (Old Dorm)	150.00
Rooms in private homes	120.00 to \$225.00
Stevens Hall	150.00
Stine Hall	200.00

Temporary Dormitories:

Double rooms	70.00
Single rooms	90.00
Apartments for families	30.00 per month

Total Yearly Expenses

	<i>Minimum</i>	<i>Liberal</i>
Comprehensive Fee	\$725.00	\$725.00
Board	400.00	400.00
Room (dormitory)	70.00	200.00
Books and Stationery (estimated) ...	25.00	50.00
<hr/>		<hr/>
Estimated total cost for college year ..	\$1,220.00	\$1,375.00

The above tabulation does not include laundry and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

Special Students

Any student who does not take a full program (less than 10 semester hours) does not pay the comprehensive fee. The following rates apply for part-time students:

Tuition (per semester hour)	\$22.50
Laboratory fee (per semester, each)	15.00
Library fee (per semester)	3.00
Registration fee (per semester)	5.00

Part-time students do not receive free admission to intercollegiate athletic programs, the health service, or free participation in student-sponsored activities unless they pay a fee of \$50.00 per year.

Payment of Bills

All College bills are due and payable on or before registration each semester. The Registrar will bill each student for one-half of the yearly comprehensive fee, room rent, and board charge before the beginning of each semester. Checks should be made payable to Gettysburg College and sent to Gettysburg College Treasurer, Gettysburg National Bank, Gettysburg, Pennsylvania.

The Veterans Administration will pay the comprehensive fee and cost of books and supplies within the legal limits for veterans attending College under the provisions of Public Laws 16 and 346. Veterans attending College under the provisions of Public Law 550 (the Korean G.I. Bill) will receive monthly amounts from the Veterans Administration and are to pay their own College bills. Because of possible delays in receipt of

these amounts and the fact that the V.A. will pay monthly, the College will allow accredited PL 550 students to make monthly payments. All students, however, must pay at least \$150 before or on the day of registration.

No student will be permitted to take the semester examinations, be graduated, or receive a transcript of record or statement of honorable dismissal until all financial obligations to the College, class publications, fraternities, and other student interests have been met.

Insured Tuition Payment Plan

The Insured Tuition Payment Plan is available to all students through Mr. Richard C. Knight, 112 Water Street, Boston 9, Massachusetts. Parents may write directly to Mr. Knight for information and contract. The Registrar will mail a brochure of information to all new students on or before June 1 of each year.

Board

All women students, except those living at home, are required to take their meals in the College dining hall.

All entering Freshmen men are required to take their meals in the College dining hall. If the student joins a fraternity, he may withdraw from the dining hall on October 1. The board fee will be refunded on a proportionate basis, or credited to the student's account.

Refunds

No refunds of the comprehensive fee will be made after the first week of any semester except where a student has had to withdraw because of serious illness or call by Selective Service, in which case the fee will be refunded on a proportionate basis.

No refund of the board fee may be made unless authorized by the Business Manager.

Room charges are refundable only if a student leaves College because of serious illness or call by Selective Service, or finds a replacement who is willing to assume the remaining charge.

Veteran credits will be made in accordance with existing Veterans Administration regulations.

Transcripts

Each student is permitted one free transcript of his full record upon graduation or withdrawal from College. Anyone desiring more than one must send his request to the Registrar and enclose payment of \$1.00 for each additional transcript requested.

College Book Store

The Book Store is operated by the College for the convenience of the students. Since it is operated on a cash basis, all students should be provided with \$25 to \$50 in cash to purchase necessary books and supplies.

Admission of Students

Although Gettysburg College has expanded its facilities to provide a liberal education for an increased number of students, it believes that its purposes can best be achieved if it maintains its character as a small church-related school. The stated requirements for admission are designed to enable the College to select students who will contribute to and benefit from such a College community.

Application for Admission

A student desiring to enter Gettysburg College from high school or preparatory school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his school to complete pages one and two and forward it to the Admissions Office. Regulations governing admission of applicants who have attended another college are stated in the section "Admission with Advanced Standing."

A fee of \$5.00 must accompany the "Application for Admission." This fee is non-refundable and is used to defray, in part, the costs of processing the application.

A student may present an "Application for Admission" at any time after the completion of the Junior year in high school, and the Dean of Admissions may at any time make tentative reservations for applicants with exceptional qualifications. However, the *Committee on Admissions* selects the larger part of the men's quota after the Senior mid-year grades are presented. Most of the women's quota are selected about March 1 of each year. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

Advance Payments

In order to validate their statement of acceptance, successful applicants for the September term must send to the Registrar, Gettysburg College, an advance payment of \$50.00 on or before May 20. Those re-

ceiving notification of acceptance after May 5 must send the \$50.00 advance payment within 15 days of the date of notification. The advance payment is credited to the student's account, with \$25.00 credited to the first semester and \$25.00 held as a deposit against minor charges such as laboratory breakage and other items too small for individual billing. Upon graduation or withdrawal from College, the student will receive the unused portion of this deposit. If a successful applicant withdraws before July 1, the advance payment will be returned. No refunds will be made after July 1.

Dormitory Room Reservation

Dormitory room preference is given to students in the order of the receipt of the advance fee of \$50.00. Since there is some difference in the desirability of dormitory rooms, it is to the student's advantage to make the advance payment before the May 20 deadline. No room reservation can be made until the advance payment has been made.

Requirements for Admission

The *Committee on Admissions* considers each applicant individually, using as its principles of selection the following:

1. Evidence of good character and acceptable social habits.
2. Evidence of academic attainment and ability, especially facility in the use of the English language and the understanding of fundamental mathematical processes.
3. Acceptable scores on the tests of the College Entrance Examination Board.

The Committee relies upon the secondary school record, examination results, personal interviews, and recommendations from the school, alumni, and friends of the College for its basic information. While the College places greater emphasis upon the quality of the student's work in secondary schools than upon the exact distribution of the subjects taken, it makes the following general recommendations for the guidance of students looking toward college admission:

Graduation from and recommendation by an approved secondary school with completion of 16 Standard High School Units as follows:

<i>Required:</i>	YEARS
English	4
Elementary Algebra	1
Plane Geometry or Intermediate Algebra	1

<i>Recommended:*</i>	
Natural Science	2
History	2
Foreign Language	2

Optional:

Additional electives to fill the graduation requirement from Mathematics, Natural Science, History, Social Studies, and Foreign Language. Not more than three units in vocational or commercial subjects are acceptable.

Veterans who were not graduated from secondary school before entering the Armed Services may, in certain circumstances, qualify for admission through an educational training program in service, through United States Armed Forces Institute Courses, or on the basis of the General Educational Development Tests.

Entrance Examinations

Gettysburg College requires that all candidates for admission in 1957 take Scholastic Aptitude Tests (the Morning Program) of the College Entrance Examination Board. It is desirable that some candidates take the Achievement Tests (the Afternoon Program) in the three subjects most closely related to their major fields. The English Test is always desirable. Since Gettysburg uses test results as a means of acceptance rather than of rejection, students have everything to gain and nothing to lose by taking the College Boards.

High School principals and guidance counselors usually have complete information and application blanks for the tests of the College Entrance Examination Board. However, any student may receive direct information, application forms, and sample tests by writing to the College Entrance Examination Board, Post Office Box 592, Princeton, New

* In addition to the general recommendations for all prospective students, the following special ones should be noted:

Students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

Jersey, or Post Office Box 9896, Los Feliz Station, Los Angeles 27, California. These tests are available at widely distributed centers throughout the United States on the following dates: March 7, May 19, August 8, December 1, 1956; and January 12, March 16, May 18, and August 14, 1957.

In 1956 the Committee on Admissions may accept *without examination* those applicants who have good grades and recommendations from an accredited secondary school. It is recommended, however, that all students accepted *without examination* take at least the Morning Program tests of the College Entrance Examination Board for two reasons: (1) these tests are a valuable educational experience; (2) the results are valuable data in a student's personnel folder for subsequent advisement.

Supplementary Examinations

The General Educational Development Tests

The College recommends that all veterans take the General Educational Development Tests, preferably the High School Level, before leaving service. In 1956 these tests may, with the permission of the Committee on Admissions, be substituted for the tests of the College Entrance Examination Board.

The Gettysburg College Examinations

The College invites to the campus for the Gettysburg College Examinations some few students who have already taken the tests of the College Entrance Examination Board and who need a detailed analysis of their general achievement. These examinations are open only to those students invited directly by the Dean of Admissions.

Sub-Freshman Day

Each year, Gettysburg College invites new students and their parents to the campus for a day of general introduction to the life of the school. The day includes a tour of the campus and its principal buildings, visits to the major departments of study, informal meetings with students and faculty, one athletic event, introduction to fraternities and sororities, and, for some, a quick view of the Battlefield.

All students accepted for the September term and a few others will be invited to attend. The date set for 1956 is May 12. The tentative 1957 date is May 11.

Admission with Advanced Standing

A student who has attended another college is eligible to transfer to Gettysburg College if he is entitled to an honorable dismissal without social or academic probation. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing his high school record. Former students of Gettysburg College may transfer credits from other institutions under the same conditions granted to new students.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. The College sometimes accepts for credit college level United States Armed Forces Institute courses validated by examinations and accepts some service school courses approved by *A Guide to the Evaluation of Educational Experiences in the Armed Forces*. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of attendance in order to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores or first semester Juniors are required to take General Education 2.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

Admission at the Beginning of the Second Semester

Freshman and transfer students may be admitted at the beginning of the second semester. Methods and requirements for admittance are the same as for those students entering at the beginning of the regular school year in September.

Admission to the Summer Session

Students who are candidates for degrees at Gettysburg College are admitted to the Summer Session under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Session *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

Institutional Rating

Gettysburg College is on the accreditation lists of the Middle States Association of Colleges and Secondary Schools, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Commission on Accreditation.

Approval by the American Medical Association and the American Association of University Women, membership in Phi Beta Kappa and in the American Chemical Society, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

Registration

The Registration System

Since there are few fixed curricula at Gettysburg College, most students work out with their advisers the curriculum best suited to their individual needs. Course selections are limited by the general requirements for graduation and by the requirements of each department. The registration system seeks to coordinate advisement with the formal course registration.

Spring Registration

Preliminary registration of old students for the following academic year and final registration of those who will attend the summer session is held before the end of the second term. Detailed registration plans are announced in the *Gettysburgian*.

Summer Session Registration

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin*.

Pre-Registration of New Students

Freshmen entering in September make out a tentative schedule of courses through individual conference or through correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study.

For new students entering with advance standing, the Registrar prepares evaluations of transfer credits and statements of remaining requirements for graduation. One copy goes to the student and another to the adviser.

September Registration

New students meet with their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Old students complete the registration begun at the Spring Registration on Wednesday and Thursday of Orientation Week. The Dean announces the schedule of registration in a letter to each student.

February Registration

Since students register for the whole year, there is no formal mid-year registration. Those students who need to make course adjustments report on the announced registration date.

New students entering in February make out schedules and register on the announced registration date.

Registration Rules

1. Each student must register officially, at the specified time and place, for all the courses he expects to enter. Late registration is penalized by a fine of \$5.00 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A change of registration fee is charged for each change in course made at the request of the student after the regular registration dates as specified in the catalogue or by special bulletin.
5. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
6. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

Curriculum

Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution of subject matter to be completed before graduation. Because of this dominantly liberal purpose, most students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study. Majors in Music Education and some majors in Health and Physical Education qualify for the degree of Bachelor of Science. See pages 51-52.

Within the limits of the distribution and concentration requirements, course building is largely an individual matter between students and their advisers. Each department has worked out suggested curricula to assist students in selecting courses to meet certain objectives.

Advisers

The adviser is the medium of communication between the student and the faculty and may be consulted in all matters. Each year, the student must secure his adviser's approval of his study list.

When a student registers as a Freshman, he is assigned to a Freshman Adviser. Before the spring registration in his Freshman year, he is expected to choose his major field of study. The head of the department in his major subject will then become his adviser and continue as such throughout the remainder of his college course.

If, at the time of the spring registration, a student has not yet chosen his major field of study, or has not attained a scholastic average that would justify his acceptance as a major in the department of his choice, he may select as his temporary adviser, the head of the department in which he would like to major. If his work in the department later improves, he may then be accepted as a major.

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

Courses and Credits

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written approval of the department delivered to the Registrar.

Schedule Limitations

The usual schedule is 15 semester hours in addition to basic Military Science or Physical Education. No student may carry fewer than 12 semester hours or more than 16 semester hours unless he has the consent of the *Scholastic Standing Committee*.

When the student has established clearly a valid reason for additional subjects, the *Scholastic Standing Committee*, of which the Dean is chairman, may allow extra hours, subject to the following restrictions:

1. A maximum of eighteen semester hours in addition to basic Military Science or Physical Education to a second-semester Freshman who has maintained a quality-point average of 2.00* during the first semester or to a Sophomore who has maintained an average of 2.00 during his Freshman year.
2. A maximum of eighteen semester hours to Juniors or Seniors who have maintained an average of 2.00 during the preceding year or twenty-one hours to those who have a 2.50 average.
3. A maximum of eighteen semester hours in either the Junior or Senior year (not both) even though the student's average may be below 2.00.

Requirements for the Degree of Bachelor of Arts

The degree of Bachelor of Arts may be conferred upon the student who completes 128 semester hours of work.

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points* as there are hours required for their graduation. No student may be graduated with a quality-point average of less than 1.00 in his major subject.

* See "Grading System," p. 59.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

The placement of students in the catalog class lists does not obligate the College to any specific graduation date.

All candidates for the degree of Bachelor of Arts must complete courses necessary to meet distribution requirements and concentration requirements. In addition all candidates for the bachelor's degree must pass a comprehensive examination in the major field of study. These requirements are described below, and detailed Freshman and Sophomore programs show how the distribution requirements are normally met during the first two years.

Distribution Requirements for All Students

<i>Subjects</i>	<i>Semester Hours</i>
English A (Freshmen)	6
Bible 1 (Freshmen)	6
General Education 1 (Freshmen)	6
General Education 2 (Sophomores)	6
Senior Comprehensive Examination	0
Military Science or Air Science or Physical Education—2 Years	8
Foreign Language	
6 semester hours above the "A" course in one	6-12
Philosophy, Pol. Sci. and Econ., History, Psychology, Sociology	
6 semester hours in one	6
Literature*	
6 semester hours in one	6
Science: Biology, Chemistry, Physics	
1 full year course in one	8
Second language (intermediate course), second science or mathematics	
6 to 8 semester hours in one	6-12
Appreciation courses† in two departments	4
Average total for distribution	68-80

* Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses.

† These four hours may be selected from Dramatic Arts 1a, 1b, 1c; Fine Arts 1, 2, 3, 4; Music 1, 2, 3,; and English 16.

Concentration Requirements for All Students

24 semester hours above "A" courses in a major

12 semester hours above "A" courses in a related minor.*

As early as possible each student should select his major subject. In addition, he should select a minor subject related to his major field (in the same group).

With the permission of the major adviser, a second major may be selected no later than the beginning of the Senior year, the approval of the head of the second department having been received. A second major may be entered on College records if all requirements of both departments, including comprehensive examination requirements, are met.

The subjects are arranged in three groups as follows:

<i>Group 1</i>	<i>Group 2</i>		<i>Group 3</i>
English	Bible	Philosophy	Biology
French	Economics	Physical Education	Chemistry
German	Education†	Political Science	Mathematics
Greek	Fine Arts†	Psychology	Physics
Latin	History	Sociology	
Spanish	Music		

Comprehensive Examinations

Every candidate for the bachelor's degree is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study.

* This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

With the consent of the major adviser, a year course or its equivalent in each of two subjects within the group may be accepted as a minor.

† Accepted for a minor only.

The comprehensive examinations are graded "passed," "passed with honors," or "passed with highest honors," and these grades are placed on the student's permanent record.

The comprehensive examinations consist of two three-hour written examinations plus either a third three-hour written examination or an oral examination, as determined by the department. The examinations are scheduled as follows:

1. For February graduates, during the first week following the Christmas vacation.
2. For June and August graduates, during the last week of April or the first week of May.

The exact dates of examination are published in the Calendar of this catalog.

Requirements for Teacher Certification

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by completing nine semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least nine additional quality points. Normally, students in good standing can include these hours in their regular four-year schedule.

Requirements for Military Commission

A student who has successfully completed the advanced courses in Air Science or Military Science may qualify for a reserve commission in the Armed Forces. A Military Science student honored with Distinguished Military Award may qualify for a regular or permanent commission in the Army. Air Force ROTC Graduates are not appointed in the Regular Force but are commissioned as 2nd Lieutenants in the Air Force Reserve. However, after 18 months of commissioned service on active duty, a Reserve Officer may apply for appointment in the Regular Air Force. Special consideration for appointment in the Regular Air Force is given Air Force ROTC Graduates who have been designated *Distinguished* Air Force ROTC Graduates.

Required Freshman Program

<i>Subjects</i>	<i>Semester Hours</i>
General Education 1	6
English A	6
Bible 1	6
Language*	6
Mathematics, or Economics 1 and 2, or a Science, or a second language, or Psychology 1, or Music 7	6-8
Military Science or Air Science or Physical Education	4
Total	34-36

Required Sophomore Program

<i>Subjects</i>	<i>Semester Hours</i>
General Education 2	6
Military Science or Air Science or Physical Education	4
At least two courses selected from the following: Language, Mathematics, Science, or second Language	12-16
Two electives with at least one from the following: History, Philosophy, Political Science, Psychology, Sociology	12
Total	34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

Junior and Senior Program

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program contain at least two courses each semester outside the group in which the student's major

* Science and mathematics majors may postpone language to take both a science and mathematics.

falls, and that the Senior program contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Registrar will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

Requirements for the Degree of Bachelor of Science in Health and Physical Education

For those who wish to meet all the requirements of teacher certification in Health and Physical Education, the following curriculum leading to the degree of Bachelor of Science in Health and Physical Education is available. Students completing this curriculum may be certified to teach both Health and Physical Education, and General Science.

Freshman Year	Hrs.	Sophomore Year	Hrs.
Bible 1a, b	6	Psychology I	3
English A	6	Health and Physical Education 2, 5, 6, 10, 11, 18	16
Health and Physical Education I	4	Military Science or Air Science 2	4
Military Science or Air Science I	4	Education 1 and 2	6
Biology I	8	Electives	3
General Education 1 or 2	6		
Total	34	Total	32
Junior Year	Hrs.	Senior Year	Hrs.
Physics 1	8	Health and Physical Education 4, 13, 17, 19, 21, 22	15
History 6	6	Military Science or Air Science 4	6
Education 6	3	Education 5, 10, 11	12
Military Science or Air Science 3	6		
Health and Physical Education 3, 14	10		
Total	33	Total	33

Those students who do not take ROTC are strongly advised to complete the Health and Physical Education Curriculum leading to the degree of Bachelor of Arts.

Requirements for the Degree of Bachelor of Science in Music Education

The following curriculum is offered as a guide to those who wish to meet the requirements necessary to teach or supervise music in the elementary or secondary schools. Upon completion of this course of study a student will be granted a Bachelor of Science degree in Music Education. He will also be qualified to receive a Pennsylvania Provisional College Certificate to be issued by the State Department of Public Instruction.

Freshman Year		Hrs.	Sophomore Year		Hrs.
Bible 1a, b	.....	6	Speech	.....	4
English A	.....	6	Literary Foundations	.....	6
Biology 11 or 12	.....	4	Education 1	.....	3
Physics (Acoustics)	.....	3	Physical Education (Eurythmics)	.....	1
Physical Education	.....	3	Psychology	.....	3
Music 10	.....	4	Music 7	.....	6
Instrumental Class	.....	2	Music 11	.....	2
Music Appreciation	.....	2	Instrumental Class	.....	2
Applied Music	.....	4	Music 14	.....	4
			Applied Music	.....	4
Total		34	Total		35
Junior Year		Hrs.	Senior Year		Hrs.
History 6	.....	6	Education 10	.....	3
Education 5	.....	3	Sociology or Philosophy	.....	3
Music 8	.....	6	Music 13	.....	2
Music 6	.....	6	Music 16	.....	2
Music 18	.....	2	Music 20	.....	2
Music 19	.....	2	Student Teaching	.....	12
Instrumental Class	.....	2	Applied Music	.....	4
Applied Music	.....	4	Elective	.....	4
Total		31	Total		32

Cooperative Forestry Program

Gettysburg College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned

the Bachelor of Arts degree from Gettysburg College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student who elects to pursue this curriculum spends the first three years in attendance at Gettysburg College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendship with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke University offers forestry courses only to senior and graduate students, the student from Gettysburg College will find himself associating with a mature student body. He will be well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Dean of Admissions of Gettysburg College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Gettysburg. No application need be made to the School of Forestry before that time.

There is no fixed major or rigid curricular requirement for the three years at Gettysburg. However, the College recommends that students in the Forestry program come under the advisement of the Biology Department and use the following as a guide:

Pre-Forestry Curriculum at Gettysburg College

First Year	Hrs.	Second Year	Hrs.
English A	6	General Education 2	6
General Education 1	6	General Chemistry 1	8
Biology 11	4	Foreign Language 1	6
Biology 12	4	Economics 3	6
Mathematics 1a, 1b or 2	6	Electives	6
Bible 1	6	Physical Education or ROTC ...	4
Physical Education or ROTC ...	4		
<hr/> Total		<hr/> Total	
36		36	

Third Year	Hrs.
Foreign Language 2 or English Literature	6
General Physics 102	8
Appreciation Courses	4
Biology 24	3
Biology 26 or 27	3
Electives	12
Total	36

The technical curricula at the School of Forestry of Duke University are available in duplicated form from the Dean of Admissions, Gettysburg College, or in printed form from the Dean of the School of Forestry, Duke University, Durham, North Carolina.

Cooperative Engineering Program

The faculties of Gettysburg College and the School of Engineering of The Pennsylvania State University have established jointly an educational program of five years' duration, three in liberal arts at Gettysburg College and two in engineering at The Pennsylvania State University, leading to the award of an appropriate degree from each institution. This cooperative program has been created in an effort to fulfill the following objectives:

1. To provide a student with the advantages of general education in a liberal arts institution as well as technological education in a school of engineering, through five years of study instead of six or more years that might be required if both degrees were obtained separately.
2. To permit a student whose aptitude for engineering may be uncertain, or whose decision between engineering and other disciplines may not yet be made, to study both arts and sciences during the first three years of college, during which time he can better determine whether his major interest and ability lie in the field of engineering.
3. To provide a student with a planned sequence of liberal arts courses which, if completed successfully, will guarantee him acceptance at an engineering school at times when student applications to such schools might exceed their capacity.

4. To permit qualified students to receive both a liberal and a technical education at relatively low cost and thus provide the Commonwealth and the nation with more critically needed trained engineers.

The counseling, admission, and transfer of students in this 3-2 cooperative program are conducted through the following procedures:

1. Application for admission to the program is made to Gettysburg College and the candidate is subject to the admission requirements of that institution.
2. A student indicates his desire to follow the 3-2 program either at the time of his admission to Gettysburg or early enough in his program there to permit him to complete all courses prerequisite to the Engineering course at The Pennsylvania State University, as well as all courses required for graduation from Gettysburg College.
3. Results of aptitude and achievement tests, scholastic records, and other pertinent information are exchanged to aid both institutions in guiding and counseling students and prospective students.
4. At the end of the second semester of the third year, a student becomes a candidate for transfer if he has successfully completed all prerequisite courses, has maintained an over-all average of "C" (a Gettysburg quality point average of 1), and is recommended for transfer by the faculty of Gettysburg College.
5. At the close of the second semester of the third year the records of all students recommended for transfer are transmitted to the Dean of Admissions of The Pennsylvania State University, and these students are automatically entered in the School of Engineering with junior standing.
6. Detailed information about the requirements for admission and the curriculum of this combined program may be obtained from the office of the Dean of Admissions of Gettysburg College.
7. An entering student planning to follow the 3-2 cooperative program is enrolled in the pre-engineering curriculum at Gettysburg College.
8. A student recommended for transfer is eligible to enter any of the following engineering curricula with junior standing:

Aeronautical Engineering
Civil Engineering
Sanitary Engineering

Electrical Engineering
Industrial Engineering
Mechanical Engineering

9. The 3-2 cooperative program does not prepare Gettysburg students for automatic transfer to any other technical curricula conducted at The Pennsylvania State University.
10. The individual courses of study in each curriculum for the work of the fourth and fifth years and the summers preceding and between them are published in the General Catalog of The Pennsylvania State University or can be obtained in duplicated form from the Dean of Admissions of Gettysburg College.

The Three-Year Pre-Engineering Curriculum at Gettysburg College

Freshman Year		Hrs.	Sophomore Year		Hrs.
Mathematics 2	.....	6	Mathematics 6	.....	6
English A	.....	6	General Education 2	.....	6
General Education 1	.....	6	Literature	.....	6
Bible 1	.....	6	Physics 102	.....	8
Language 1	.....	6	Psychology 1	.....	3
ROTC	.....	4	History 5	.....	3
Descriptive Geometry	.....	2	ROTC	.....	4
Engineering Drawing	.....	2			
Total		38	Total		36

Junior Year		Hrs.
Mathematics 9A	.....	4
Mathematics 9B	.....	4
Physics 2	.....	6
Physics 13	.....	3
Economics 3	.....	3
English 5a, 5b	.....	4
Chemistry 1	.....	8
ROTC*	.....	6
Total		32-38

Parish Workers Cooperative Plan

Gettysburg College has entered into an arrangement with the Lutheran Deaconess Training School of Ruxton, Maryland, whereby young women planning to enter the full-time service of the church may receive the degree of Bachelor of Arts by attending Gettysburg College three years, then transferring to the Training School for two years of special-

* Elective.

ized training. It is understood that in order to be graduated, these students must meet all specific course requirements for the degree including the comprehensive examinations in their major field by the end of the three-year period. The work completed at the Deaconess Training School will be accepted as the equivalent of the final year in college.

Detailed curricula of the last two years may be secured from either of the two Lutheran Motherhouses, *The Baltimore Deaconess Training School*, Boyce Avenue, Ruxton 4, Md., or *The Philadelphia Deaconess Training School*, 801 Merion Sq. Rd., Gladwyne, Pa.

Rules and Regulations

Chapel Attendance

Chapel services are held daily, Monday through Friday, at 8:50 A.M. Each student is required to attend a minimum of one-half of the available chapel exercises each bi-monthly period, the exact number to be posted by the Dean.

When a student has incurred absences from chapel in any bi-monthly period totaling one more than half of the chapel exercises scheduled for that period, he will be penalized by the addition of one extra semester hour added to the requirements for his graduation. When absent four additional times, the student will be referred to the *Committee on Discipline*.

Through arrangements with the Dean, and with the approval of the *Committee on Discipline*, this extra hour penalty may be cancelled through make-up attendance during the second bi-monthly period. No cancellation of the extra hour penalty for the second bi-monthly period is possible.

Class Attendance

Each student is responsible for regular attendance at all classes. Unnecessary absences are neither authorized nor approved.

Students who are unavoidably absent from class should apply for an excuse promptly. Absences incurred through official trips of recognized College organizations will be excused on certification of the faculty adviser. Absences such as those caused by family emergency or official interviews may be excused by the Dean. Application for such an excuse should be made prior to the absence whenever possible. When a student is forced to miss class because of illness, he should report at once to the infirmary.

Although no other absences are authorized or excused, in practice a student is allowed without penalty a number of unexcused absences equal to the number of class meetings per week in each course. When the unexcused absences in any course exceed this number, one extra hour will be added to the student's graduation requirement for each such absence. When the number of unexcused absences equals twice

the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. In special cases an instructor may recommend to the Dean that a student be placed on "cut probation" and allowed no further unexcused absences in that course.

Any unauthorized absence from class within the twenty-four hours before or after a stated vacation will result in the addition of one semester hour to the student's graduation requirement. The *Committee on Absences* may excuse students who must work during the Pre-Christmas holiday season from the penalty hour under the following conditions:

1. No class absences will be excused. The student must save cuts for this purpose.
2. Students on Scholastic Probation and students with mid-term deficiencies will not be considered except in unusual circumstances.

Grading System

<i>Grade</i>	<i>Quality Points</i>	<i>Percent-ages</i>	<i>Description</i>
A	3	100-90	Excellent.
B	2	89-80	Good.
C	1	79-70	Fair.
D	0	69-60	Poor, but passing.
F	—	59- 0	Failing.
I	—	—	Incomplete for reasons beyond student's control.
W	—	—	Withdrew from course. No credit. Letter following W indicates standing at time of withdrawal.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

Quality Point System

Computations

Quality points are allowed according to grade for each semester hour as follows:

$$A = 3, \quad B = 2, \quad C = 1, \quad D = 0$$

When a finer computation is desirable, as in determining honors, the following is official:

A+ = 3 1/3	B+ = 2 1/3	C+ = 1 1/3	D+ = 1/3
A = 3	B = 2	C = 1	D = 0
A- = 2 2/3	B- = 1 2/3	C- = 2/3	

Grades I, W, and F are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades F and WF are counted as —1.

Minimum Requirements

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester	10
At the end of second semester	26
At the end of third semester	45
At the end of fourth semester	64
At the end of fifth semester	80
At the end of sixth semester	96
At the end of seventh semester	112
At the end of eighth semester	128 or a total equal to the number of hours required for graduation.

Conditions and Deficiencies

No credit is given for a subject reported as F or I. An I not removed by the completion of the work within one semester after the deficiency was incurred becomes an F, unless the *Scholastic Standing Committee*, because of the student's sickness or for an equally good reason, extends the time for removing the I. An F in a course for the first semester debars a student from the course during the second semester unless the department in which the F is incurred consents to the student's continuance. An F remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat an elective course which he has failed without the consent of the department concerned.

Probation

Limited Probation

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the student on limited probation in the course for a period of two weeks. At the end of this period the teacher will ask the Dean:

1. that the probation be continued,
2. that the probation be removed, or
3. that the student be dropped from the course with a grade of F.

At the discretion of the teacher the limited probation may be removed before the end of the two-week period.

General Probation

A student is placed on general probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours of work in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on general probation,

1. he is ineligible to represent the College in intercollegiate activities. He may not participate in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General probation cannot be removed before the expiration of one week.

Special Probation

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special

probation, giving him until the end of the semester to improve his record or withdraw from College.

Enforced Withdrawal

Gettysburg College expects all students to accept the responsibilities of mature men and women at all times and to consider carefully the influence of their conduct upon other members of the College family and the community. The College reserves the right of dismissal for conduct unbecoming to a student of Gettysburg College.

Reinstatement

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. Any reinstated student will be on general probation for one year.

General Rules

Automobiles

All students who desire to drive automobiles to, from, or on the Gettysburg College campus are required to register them with the office of the Dean of Men. Limited parking space makes it necessary to regulate driving and parking automobiles on the campus. A detailed statement of the regulations will be issued from the office of the Dean of Men at the time of registration. Freshmen are advised not to bring cars to the campus.

Dormitories

Dormitory room assignments are made through the offices of the Dean of Men and Dean of Women. Room assignments may not be changed without permission.

Possession or use of alcoholic beverages on College property, in dormitories, fraternity houses, or at College functions is prohibited.

Student Marriages

Any student under twenty-one who plans to marry must, at least two weeks before the marriage, satisfy the Dean of the College that the parents or guardians of both parties have consented to the marriage. Students violating this rule will be subject to dismissal.

College Life

Living Facilities

Dormitory accommodations. New students wishing to live in one of the College dormitories must fill out a room application form and mail it to the Registrar together with the advance fee. Women students, except those living at home, are required to room under dormitory supervision. Old students make room applications to the Dean of Men or to the Dean of Women.

Dormitory Furnishings. Each room contains a single bed, a mattress, a dresser, a study desk, and a chair for each student. Pillows, linens, blankets, study lamps, draperies, and other accessories must be furnished by the student. A reputable laundry provides linen rental and service. Pictures and other decorations may be suspended only by approved plastic hooks.

Rooms in Fraternities and Private Homes. In addition to living quarters in the Dormitories and Housing Units, there are rooms for many upperclassmen in their respective fraternity houses. Other upperclassmen live in private homes throughout the community. Rates and furnishings in private homes are agreed upon by the persons concerned. Freshmen may not live in fraternity houses.

Dining Facilities. The College maintains a dining room in Huber Hall, at which all women students except those living at home are required to take their meals. Each fraternity operates its own dining hall. Men students and wives of students may arrange to take their meals at Huber Hall.

Counseling

Orientation Week. During the first week of the fall term new students participate in a special program designed to help them become adjusted to their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, achievement and placement tests, social meetings with members of the Faculty, and trips to nearby

points of interest. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide an education suited to his needs.

Orientation Program. As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year with the advisers.

Curriculum Advisement. After the Freshmen have tentatively selected their first-year courses, the Registrar assigns them to Freshman Advisers, who assist with formal registration and, after the Orientation Week tests are finished, discuss and authorize course changes. Working under the direction of the Dean, the Freshman Advisers issue grade reports to their advisees and assist them in determining their major fields of study.

At the end of the Freshman year, students elect major fields and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

The Dormitory System. Under the guidance of carefully selected and well-trained Student Counselors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but is designed to give training in the principles of cooperative living.

Student Counseling Service. Under the direction of the Dean of the College, assisted by the Director of Guidance, the Chaplain, the Dean of Men, the Dean of Women, and the College Physician, a free guidance service is available to assist students with educational, vocational, social, and personal problems. They may seek it voluntarily or may be referred to it by advisers or other Faculty members.

Remedial Reading

Since a student's success in college depends largely upon his ability to comprehend and evaluate written materials, a non-credit course designed to enable the student to increase his reading efficiency, both in comprehension and in speed, is offered to all students each semester, without additional tuition charges.

Lectures and Concerts

The College annually secures widely known scholars, travelers, and outstanding figures in public life to speak on topics of interest to the students and to the community, as well as artists and artist groups to

give concerts to the College community. Student admission to these lectures and concerts is free.

The 1955-1956 series includes the following: Two-Piano Recital, *Mildred Deery and Marion Paugh*; Lecture, "The Writing of a Novel," *Elizabeth Bowen*; Reading, "The Corn Is Green," *Esther Doyle*; Lecture, "Seven Years in Tibet," *Heinrich Harrer*; Concert, the *Robert Shaw Chorale and Orchestra*; Christmas Concert, the *Gettysburg College Choir*; Cantata, Braggiotti's "The Gettysburg Address," *Harrisburg Choral Society*, with Robert Clippinger, organist, and Dr. Robert Fortenbaugh, commentator; Piano Recital, *Herman Godes*; Film, "The Titan"; Concert, the *Beaux Arts Trio*; Spring Concert, the *Gettysburg College Choir*.

Bell Lectureship. A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, was given to the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men of the Christian ministry and the conditions of the age qualifying that demand."

Stuckenberg Lectureship. Mrs. Mary G. Stuckenberg gave a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics.

Music

The Gettysburg College Choir is an organization of approximately fifty young men and women. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in the Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

The Chapel Choir participates in the daily Chapel exercise and also appears in concert during the festival seasons of the year.

The Band performs as a marching unit at football games both on campus and away, at parades, community affairs, and various school functions. Following football season the band performs as a concert

organization giving concerts both on and off campus. Students may participate in either or both groups.

The Orchestra performs in recital and in concert and participates in many school functions.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

Dramatics

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative plays a year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, occasional short plays provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

It is expected that in the near future the main floor at Brua Hall, remodeled for dramatic purposes, will be available to the group for use as a "little theatre."

Religious Life

One of the objectives of Gettysburg College is to create an environment where a student may grow spiritually. The College thinks of itself as a Christian community. As a church-related school, it strives to develop a Christian way of life among the students and faculty. Some of the channels through which students may express their Christian faith are:

Church Services. Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

Chapel Services. Daily services are held in Christ Chapel, Monday through Friday from 8:50 to 9:15 A.M., under the direction of the

Chaplain. The Monday meeting is always a convocation. Many guest clergymen are invited to preach. The Student Christian Association plans and conducts some of the services. A Chapel Choir under the direction of the College organist assists in the worship service.

Student Christian Association. The Student Christian Association is a fellowship of students and teachers dedicated to the development of Christian character. This organization, founded in 1867, functions today through a wide variety of projects including weekly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, most of them held in Weidensall Hall. The SCA welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the advisement of the College Chaplain and three Faculty advisers. The SCA is the only group permitted to hold regular religious meetings on the campus.

Vespers. Every evening (except Saturday) from 10:00 to 10:30, there is a quiet hour in Christ Chapel. A student organist plays softly, and worshippers come and go as they like. There is no service—just a quiet meditation at the close of day.

Chaplain. The College chaplain is available at all times for counseling. His office is in the SCA building and his home is on the campus.

Religious Emphasis Week

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussions on some thought-provoking religious theme. This program is known as "Religious Emphasis Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the College.

Publications

The Alumni Bulletin, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

The Gettysburg College Bulletin, Catalog Issue is published in February of each year.

The Gettysburg College Summer Session Catalog is published in March of each year.

The Gettysburgian, edited by a staff of students, is published weekly during the College year and prints chiefly College and alumni news and opinions.

The G-Book, sponsored by the SCA and issued at the opening of each College year, gives valuable information and suggestions to incoming students.

The Mercury, a magazine published by the students of the College, is under the supervision of the English Department and seeks to encourage creative writing by the students.

The Spectrum, an annual published by the students, contains pictorial representations of the College with its various organizations, activities, and surroundings, and information about students.

The Woman's League Bulletin, published in December of each year, is a summary of the work of the League for that year.

The purpose of all the publications is to improve communication between the College and its graduates, students, former students, and friends. These enterprises are cordially commended to the patronage of those interested in the welfare of the institution.

Radio Workshop

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs on a regular schedule during the College year.

Debating

There are two debating clubs, one for men and one for women. Each group engages in a number of debates each season with various colleges.

The Student Chest

A system known as the Student Chest coordinates the finances of student organizations. This system eliminates requests and campaigns for money by student groups. The fee for this fund is included in the Comprehensive Fee. The fund is distributed under the direction of the *Student Chest Committee* to the various student organizations.

The Student Senate

The Student Senate, with a membership of about twenty-four, consists of four members of the Faculty and one student representative from each of the living groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

The Inter-Fraternity Council

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, maintains decorum among the community, the College, and the fraternities. This group sponsors the inter-fraternity dances, establishes rules for rushing, and promotes harmonious relations among the fraternities.

The Pan-Hellenic Council

The Pan-Hellenic Council is composed of a Senior and a Junior member from each of the four national sororities represented on the campus. The Council, functioning as a governing body, regulates inter-sorority relations and fosters harmony between sorority and independent women.

Phi Beta Kappa

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of ten per cent of the Senior class may be elected to this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

Fraternities, Sororities, and Societies

National Social Fraternities and Sororities

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the indi-

vidual, the group, the College, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities, and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are twelve national fraternities and four national sororities.

Alpha Tau Omega
Alpha Xi Delta
Chi Omega
Delta Gamma
Kappa Delta Rho
Lambda Chi Alpha
Phi Delta Theta
Phi Gamma Delta

Phi Kappa Psi
Sigma Nu
Phi Mu
Phi Sigma Kappa
Sigma Alpha Epsilon
Sigma Chi
Tau Kappa Epsilon
Theta Chi

Local Organizations

The Lambda Nu Society

Phi Epsilon Nu

National Honorary and Professional Fraternities and Fraternity Societies

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air ROTC.

Beta Beta Beta: a society for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.

Pershing Rifles: a military society for students in the Basic Course of Army ROTC.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army ROTC.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

Local Honorary and Professional Clubs

El Circulo de Español: a club fostering the study of Spanish and Spanish-American culture.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the Faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Français: a club offering an opportunity to acquire fluency in speaking French.

Pen and Sword: a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.

Pre-Ministerial Association: an organization for students preparing for the ministry.

Sceptical Chymists: an organization of students in Chemistry.

Tertulia Española: a club encouraging fluency in speaking Spanish.

Other Organizations

Alpha Phi Omega: a national service fraternity, composed of former Boy Scouts, pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club: a club consisting of representatives of various campus groups originated to stimulate College spirit and athletic interest within the student body.

Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.

International Club: a club dedicated to the promotion of world peace.

Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.

Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.

Tri-R: an organization of men and women who do not belong to fraternities or sororities.

Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

Athletics

Intercollegiate Athletics

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an advisory committee on athletics to confer at stated times with those responsible for the athletic program.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

All full-time students are admitted without charge to all contests held on the campus.

Intramurals

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and non-fraternity groups.

The Intramural Program for Men is conducted under the supervision of a faculty director, assisted by the Physical Education majors, and an advisory council consisting of one representative from each participating group. The program of activities includes touch football, volleyball, basketball, tennis, bowling, and softball.

The Intramural Program for Women is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a sports board comprised of student managers for each sport, includes as members all women students.

Competitions are arranged among the sororities and the independent women in field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

Student Health Service

In order to be informed adequately of the state of health of each new entrant as soon as he begins his College career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation.

A student Health Service is maintained for the benefit of all students. An agency of the service is a well-equipped Infirmary, staffed by a Medical Director, Medical Associate, and Registered Nurses. This service entitles each student to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those normally eating elsewhere pay \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor optical or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

Placement Service

Teacher Placement. The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

College Placement. The College operates a general placement service for its students and alumni. The Director of Placement, in cooperation with the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Director of Guidance and Placement early in their Senior year.

Departmental Placement. The administration and Advisers informally assist students in securing employment or placement in graduate school.

Honors, Prizes, and Scholarships

Senior Honors

The following honors are awarded at the close of each academic year to members of the graduating class under the conditions stated below:

Valedictorian. The highest scholastic average during the last three years, the Senior Comprehensive Examination passed "with highest honors."

Salutatorian. The second highest scholastic average during the last three years, the Senior Comprehensive Examinations passed "with highest honors."

Summa cum laude. Senior Comprehensive Examination passed "with highest honors," four-year quality point average of 2.75 or higher.

Magna cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.50 or higher.

Cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.30 or higher.

These honors are based on four-year records and are primarily for students with four years of residence at Gettysburg College. However, upon the recommendation of the Registrar, the *Scholastic Standing Committee* may grant *summa cum laude*, *magna cum laude*, or *cum laude* honors to transfer students who have satisfied the conditions of the honor during at least two full years of residence at Gettysburg and who have presented excellent transfer grades.

Departmental Highest Honors. Recommendations by the major department, a quality point average of 2.75 or higher in the major subject during the last three years, presentation of a thesis (or its equivalent) satisfactory to the department, Senior Comprehensive Examinations passed "with highest honors."

Departmental Honors. Recommendation by the major department, a quality point average of 2.50 or higher in the major subject during the

last three years, Senior Comprehensive Examinations passed "with highest honors" or "with honor."

A transfer student with at least two full years of residence at Gettysburg is eligible for *Departmental Highest Honors* or *Departmental Honors* on the basis of grades attained at the College if he meets all other conditions.

Other Honors

Class Honors for Freshman, Sophomore, Junior and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of A in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of A in at least half of the work of the year and do not have a grade below B in any of their studies for the year.

Dean's Scholastic Honor List. Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence.

Advanced credits granted to veterans for work in United States Armed Service Schools will be counted as residence credits in awarding all honors.

Note: Basic courses in the required Physical Education or Reserve Officers' Training Corps are not considered in computations for honors and prizes.

Prizes

The following prizes are offered annually for outstanding scholarship and achievement:

Baum Mathematical Prize: The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

The Charles W. Beachem Athletic Award: The Student Christian Association presents each year an award in the form of a cup, in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior class.

Chi Omega Social Science Award: The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

Class of 1916 Prize: The sum of \$25 is awarded to the Sophomore who has given most to the College.

Delta Gamma Alumnae Association Award: The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

Delta Phi Alpha Prize: A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

Anthony di Palma Yearly Memorial Award: Presented to the Junior having the highest marks in History. Everything else being equal, preference is given to a member of the Sigma Chi Fraternity.

Samuel Garver Greek Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

Samuel Garver Latin Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

Graeff English Prize: This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on an assigned subject.

John Alfred Hamme Award: Established in 1948-49 by John Alfred Hamme, York, Pa., three awards of \$50 each to the three Juniors who have demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

Hassler Latin Prize: The income from a fund of \$500, contributed by Charles W. Hassler, is annually awarded to that student of the Junior class who, at the end of the year, is rated as the best Latin student.

Military Memorial Prize: The income from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is to be awarded

annually to the student who has attained the highest standing in either the first or second year of the Advanced Course as a member of the Reserve Officers' Training Corps.

Franklin Moore Award: This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal activities has contributed the most toward campus morale and the prestige of Gettysburg College.

Muhlenberg Freshman Prize: The income of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

Nicholas Bible Prize: The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

Phi Sigma Iota Prize: The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

Sceptical Chymists Prize: The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

Stine Chemistry Prize: The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Samuel P. Weaver Scholarship Foundation: Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this foundation awards the sums of \$50 and \$25 to those two

members of the student body who write the best essays on an assigned topic in the field of constitutional law and government.

Note: Only students who have been in attendance during all of the period for which prizes are designated are eligible for the awards.

Scholarships and Aid for Students

Qualifications for a Scholarship. In granting aid, the *Committee on Scholarships* is governed primarily by *character*, *need* for assistance, and *academic ability*. In addition, the Committee may consider promise of a contribution to the College through outstanding service.

Because the fundamental purpose of a scholarship at Gettysburg College is to assist worthy students who otherwise could not attend except by undue sacrifice on the part of the parents in securing a college education, the principal emphasis in a grant is on the *need* of the applicant. Some preference is given where two or more children from the same family are attending Gettysburg College simultaneously. Under certain conditions, the children of ULCA clergymen, not receiving aid from other sources, may be granted a discount in tuition.

Gettysburg College uses the scholarship services of the College Entrance Examination Board. All new applicants for a scholarship should secure a "College Scholarship Service" blank from any one of the College Board Colleges. The service forwards the scholarship information to the schools to which the applicant is applying for a scholarship.

All new students should present applications no later than April 15th.

Students who have had a scholarship grant previously should secure a renewal blank from the Registrar's office and return it no later than May 1st.

Conditions of a Scholarship Grant

1. Scholarships are awarded for one year at a time. Ordinarily they are renewable, upon application, if the original conditions continue.

2. Scholarship aid is never granted to a student for more than eight semesters. There are no scholarships available during a Summer Session.

3. A student placed on disciplinary probation automatically loses all scholarship aid, effective immediately.

A student placed on scholastic probation two successive semesters will be deprived of his scholarship.

4. Scholarships may be awarded in varying amounts but in no case will exceed \$575.00 annually.

5. The amount granted for a scholarship is applied as a credit on the College bill.

Types of Scholarships

The following sections describe the types of scholarships and other forms of aid available. All are granted under the qualifications and conditions previously explained.

General College Scholarships

The returns from an endowment and funds from other sources have been set aside to assist worthy students. New students should apply for College Scholarships, for rarely can they qualify for the special conditions called for in the Endowed Scholarships. These College Scholarships are granted in various amounts according to the need of the student, but never for more than \$575.

Competitive Scholarships

The College offers a number of scholarships granted on the basis of competitive examinations to high school seniors who rank academically in the upper quarter of the graduating class and who have an unqualified character recommendation from their school.

These scholarships range from \$500 annually for each of four years for a total of \$2,000 each down to \$100 annually for each of four years for a total of \$400 each. The examinations required for the 1956 scholarships are the morning program of the College Entrance Examination Board to be taken in March or before and the Gettysburg Examinations administered at Gettysburg only on April 14, 1956. The date for the 1957 Gettysburg Examinations will be announced early in the school year 1956-57.

Endowed Scholarships

Endowed funds have been set up for the award of scholarships under the conditions described in each of the following grants:

The Armstrong Scholarship: The Armstrong Cork Company furnishes a scholarship covering tuition, fees, and books to one deserving

man during his junior and senior years. Sophomores majoring in Business Administration or Science are eligible to apply for this grant.

Frank D. Baker Bequest: The sum of \$300 annually is available through the generous bequest of Frank D. Baker to aid students in immediate need of financial assistance. This fund is to be administered by the President of the College.

Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund: The income from \$2,500 donated by the Woman's League of Gettysburg College is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

Dr. Ray Alfred Barnard Scholarship Fund: The income from \$1,200 is to be given each year to a male student of Gettysburg College who shall be a member of the Lutheran Church who is preparing for the ministry in the Lutheran faith, and who shall also be a member of the Central Pennsylvania Synod of the United Lutheran Church in America.

Bateman Scholarship: The Rev. Sydney E. Bateman, M.D., Class of 1887, established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry.

Jessie E. Benner (1907) and Minerva B. Benner Scholarship Fund: The income from \$10,000 is to be used to aid worthy students financially in need. The student or students to be aided shall be preferably, but not necessarily, those studying for ministry of the Gospel.

Blough Scholarships: Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund of \$5,000. The income from this fund is to be used to aid needy and deserving students.

Cambridge Rubber Foundation Scholarship: Funds made available through the generosity of the Cambridge Rubber Foundation, Inc., provide a sum of \$200 per year to be granted to one or two entering Freshmen. In rare instances this sum may be granted to an upperclassman if, in the opinion of the Committee on Scholarships, the upperclassman is better qualified and more deserving.

Class of 1913 Scholarship Fund: The income from a fund of \$3,000 is to be given each year to a needy and deserving student.

Class of 1918 Scholarship Fund: The income from a fund of \$3,655 is available each year for a needy and deserving student or students.

Jacob Charles and Rosa Bott Eisenhart Scholarship: The income on a fund of \$6,500, established by the J. C. Eisenhart Wall Paper Company, is available each year toward the payment of the tuition of deserving students preparing to become Lutheran Missionaries, or planning to attend a Lutheran Seminary.

Clarence A. and Myrtle B. Eyler Scholarship: The income on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

Margaret E. Fisher Memorial Fund: Nelson F. Fisher, M.D., '18, contributed a fund of \$6,000 in memory of his mother, Margaret E. Fisher, the income on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

Dr. D. F. Garland, '88, Scholarship: The income from a fund of \$500 will be given each year toward the payment of the tuition of deserving young people preparing for the Lutheran ministry.

The Henry W. A. Hanson Scholarship Foundation: This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient is chosen from the members of the Senior class who expect to enter graduate school in preparation for college teaching. The applicant must have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior class is chosen, the Committee may select a member of a previous class. The grant is the income from a fund of \$8,911.

Kirschner Scholarships: Mr. and Mrs. C. J. Kirschner established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

Lutheran Brotherhood Scholarships: Two scholarships established by the Lutheran Brotherhood Life Insurance Society to be presented to Junior Lutheran students at the time of their registration as Seniors.

These students must, in the opinion of the *Committee on Scholarships*, be outstanding in religious leadership and scholastic ability and other qualifications determined by the Committee.

McCollough Scholarships: These scholarships were established in memory of Charles B. McCollough, Jr., by his parents, Mr. and Mrs. Charles B. McCollough, Sr., and his great uncle, Mr. H. B. Earhart. The income from a fund of \$17,143.75 is awarded annually to two men and two women at Gettysburg College on the basis of character, need, and ability.

Dr. John E. Meisenhelter Scholarship: This award is the income from a bequest establishing a scholarship amounting to \$300 a year. The principal is held in the permanent Endowment Fund.

J. Elsie Miller Scholarship: The income on a fund of \$5,000, bequeathed by J. Elsie Miller, is available each year toward the payment of the tuition of deserving young men preparing for the Lutheran ministry.

Miller-Dewey Education Fund: The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans' Home have the first claim on these scholarships.

C. H. Musselman Company Scholarship: Funds made available through the generosity of the Musselman Foundation provide two four-year scholarships in the amount of \$625 per year. If more than two applicants should meet the general qualifications for this scholarship, preference shall be given to the applicant who has selected or signifies his or her intention of selecting chemistry or business administration as the major course of study. This factor shall be disregarded if no applicant has selected or signified his or her intention of selecting either chemistry or business administration as the major course of study.

Nellie and Bernard Oller Memorial Scholarship: The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

Lovina Openlander Scholarship: The income from \$3,000 is to be used for providing scholarships in the amount of \$50 each to aid young men or women who are in need of financial assistance in order to continue their College work.

Parent Education Society Scholarship Loans: The Parent Education Society of the Evangelical Lutheran Church in the United States many years ago placed \$5,000 in the Endowment Funds of the College, the income from which is to provide ten scholarship loans each year valued at \$20 each. These scholarship loans may be granted to one or more persons selected by a committee comprised of the President of Gettysburg College and the President of the Lutheran Theological Seminary of Gettysburg.

The person or persons selected must be bona fide students for the ministry, and meet all the requirements for recipients of scholarships. The amount granted will be used to meet the tuition cost of the student, and he will be asked to sign a promissory note which will be automatically cancelled after the recipient serves two continuous years in the ministry.

Edgar Fahs Smith Memorial Scholarship Fund: The income from a fund established by Margie A. Smith to be used to pay the tuition of one or more deserving students specializing in chemistry. This scholarship is held in abeyance under the terms of the bequest to allow the growth of the principal to the necessary amount.

Stine Scholarships: Charles M. A. Stine, Ph.D., Sc.D., LL.D., Class of 1901, established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

Rufus B. Weaver Scholarship Foundation: The income from a fund of almost \$20,000 established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

Wellington Scholarship: The income on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

Synod of West Virginia: The Synod of West Virginia of the United Lutheran Church in America has made available two scholarships in the amount of \$225 each. These scholarships are available to young men or women who are active members of a congregation of the Synod of West Virginia, are enrolled as entering Freshmen, and have stood in the upper third of their graduating high school class.

These scholarships are awarded by the Synod Scholarship Committee. All applications should be sent to this committee. Address all communications to The Reverend George W. Schillinger, D.D., Chairman, Committee on Scholarships, 1596 Lee St., Charleston, W. Va.

York-Shipley Scholarship: A scholarship in the amount of \$575 each year for four years, for one student, has been established through the generosity of York-Shipley, Inc., of York, Pa.

The scholarship will be awarded to an outstanding male student, preferably from York County who plans to major in Business Administration. Scholarship, citizenship and examination scores constitute the criteria for granting this award.

Loan Fund

Alumni Loan Scholarship Fund: By resolution of the Alumni Council a portion of Loyalty Fund collections (in the amount of \$8,019) has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class is graduated from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum.

Class of 1909 Fund: A revolving fund amounting to about \$2,000 has been established by the Class of 1909 for the purpose of aiding worthy students.

Morecraft Loan Scholarship: The St. James Lutheran Church of Stewart Manor, Long Island, has established a fund of \$1,000 in honor of its late Pastor Edward J. Morecraft. This fund is to be used to assist worthy students under the same conditions as the Alumni Loan Scholarship Fund.

Rothfuss Loan Scholarship: E. Lloyd Rothfuss, M.D., Class of 1916, established a memorial to his father and mother, Charles H. Rothfuss

and Martha Huffman Rothfuss, in the form of a \$5,000 loan scholarship fund. This fund is to be administered under the same terms as the *Alumni Loan Scholarship Fund*.

Other Financial Aid

Campus Opportunities

1. *Gettysburg College* is prepared to grant work opportunities to a limited number of deserving students. A work opportunity is a guarantee that there will be available enough work on the campus for the recipient to earn a sum equal to the amount granted.

If studies or illness interfere with the completion of the assigned work, the College will credit the unearned portion to the student's account as if earned.

2. The *Gordon-Davis* service agents: Two or three students may earn substantial sums collecting and distributing room linens serviced by the Gordon-Davis Linen Supply Company. The *Scholarship Committee* selects these agents each year.

Reserve Officers' Training Corps

Students enrolled in the Reserve Officers' Training Corps receive uniforms from the Department of Defense during the Elementary Courses. Students enrolled in Advanced Courses of ROTC receive garrison rations plus the necessary uniforms (a total of about \$700 in two years including one six weeks' summer camp).

Work-in-Town Opportunities

Each year students take part-time work in the community. The College assists some students in work placement, but takes no direct responsibility.

Courses of Instruction

General Education Courses

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the department isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer and creator of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses. The first two are required of all A.B. candidates.

1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MESSRS. BLOOM, CRAPSTER, DARRAH, DUNKELBERGER, FORTENBAUGH, GLATFELTER, HELMRICH, L. JOHNSON, LANGERHANS, MARA, MOORE, RICHARDSON, SCHUBART, SMOKE, and STOKES

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages.

Six semester hours credit.

Required of all A.B. Freshmen. Three hours, throughout the year.

2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MESSRS. AHRENS, DARRAH, LINDEMAN, MASON, PICKERING, SHAFFER, SUNDERMEYER, and WOLFINGER: and MESDAMES MCLENNAND, TAYLOR, and TOWNSEND

An introduction to the ideals and forms of Western thought, presented through reading and interpretation of selected classics: Homer through St. Augustine and Dante through Goethe.

Six semester hours credit.

Required of all A.B. Sophomores. Three hours, throughout the year.

3. WORLD LITERATURE SINCE 1830

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

Six semester hours credit.

Elective for Juniors and Seniors. Three hours, throughout the year.

Departmental Courses

Bible

(Biblical Literature and Religion)

Professor WALTEMYER, *Associate Professor* DUNKELBERGER, *Assistant Professor* FREED, and *Instructor* MOORE

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Students majoring in this department are required to have a minor in Greek or Latin.

1a. OLD TESTAMENT HISTORY

MESSRS. DUNKELBERGER,
FREED, MOORE, and WALTEMYER

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ.

Three semester hours credit.

Required of all Freshmen. Three hours, first semester.

1b. LIFE OF CHRIST

MESSRS. DUNKELBERGER,
FREED, MOORE, and WALTEMYER

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance.

Three semester hours credit.

Required of all Freshmen. Three hours, second semester.

4. CHURCH HISTORY

MR. DUNKELBERGER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

Three hours, throughout the year.

Six semester hours credit.

6. EVIDENCES OF CHRISTIANITY

MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history; deals with the questions which arise in the effort to intellectualize the content of the Christian revelation.

Three hours, second semester.

Three semester hours credit.

8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day.

Three semester hours credit.

Three hours, second semester.

10. NEW TESTAMENT HISTORY AND LITERATURE MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul. *Three semester hours credit.*

Three hours, first semester.

12. THE HEBREW PROPHETS MR. FREED

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order. *Three semester hours credit.*

Three hours, first semester.

13. CONTEMPORARY RELIGIOUS THOUGHT MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases today. *Three semester hours credit.*

Three hours, first semester.

14. INTRODUCTION TO RELIGIOUS EDUCATION MR. WALTEMYER

The principles and methods of religious education applicable to the Sunday School, the Week-day Church School, and the Daily Vacation Bible School. The members of the class will conduct a Week-day Bible School in Christ Lutheran Church. A limited number of students will be accepted.

Prerequisite: Six semester hours of Bible. *Six semester hours credit.*
Three hours, throughout the year.

15. PSYCHOLOGY OF RELIGION MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development. *Two semester hours credit.*

Two hours, second semester. Alternates with Course 6.
Not given 1956-1957.

16. THE GOSPEL OF JOHN MR. FREED

The chief emphasis will be given to the thought and content of the gospel itself. An effort will be made to discover some of the various forms of the thought background of the gospel, especially that of the Old Testament. There will also be some study of the gospel in its relationship to the Synoptic Gospels and to the First Epistle of John. *Two semester hours credit.*

Two hours, second semester.

Biology

Professor BOWEN, Associate Professors MESSER and HENSLEY, Assistant Professor BARNES, Instructor GARDNER, Lecturer DARRAH, and Assistants

The courses in this department are designed to provide an understanding of the basic principles of general and comparative biology. Emphasis is placed on the following features: the cultural values of biological science; correlation of biology with sociology, psychology, and related studies; biological principles in relation to human life; fundamental training for students who plan to enter schools of medicine, dentistry, nursing, forestry, laboratory technology, or other professional biological fields.

Requirements for a major include a minimum of 32 semester hours, as approved by the adviser. A premedical major in Biology includes Biology 11, 12, 23, 31, 33 and such other courses in Biology, and in Physics, Chemistry, English, and modern foreign languages as are arranged with the adviser.

1. GENERAL BIOLOGY

MESSRS. HENSLEY, BARNES, GARDNER,
and ASSISTANTS

Basic principles of structure and function in plants and in animals, including man.

Eight semester hours credit.

Three class hours and three laboratory hours, throughout the year.

11. GENERAL BOTANY

MR. DARRAH

An introduction to the biology of plants, presenting basic principles and emphasizing the position of plants in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

12. GENERAL ZOOLOGY

MESSRS. BARNES and GARDNER

An introduction to the biology of animals, presenting basic principles and emphasizing the position of animals in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

21. VERTEBRATE ZOOLOGY

MR. MESSER

Representative vertebrates, with special emphasis upon structure, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals.

Four semester hours credit.

Prerequisite: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester.

23. COMPARATIVE ANATOMY OF VERTEBRATES

MR. MESSER

Detailed examination of the origins, structure, and functions of the principal organs of typical fishes, amphibians, reptiles, birds, and mammals. Special at-

tention is given to the progressive modification of organs from lower to higher vertebrates. *Eight semester hours credit.*

Prerequisite: Biology 1 or 11 and 12.

Three class hours and three laboratory hours throughout the year.

24. BOTANY

MR. GARDNER

The identification and classification of plants; the origin and distribution of plants; the importance of plants in human affairs, including history, culture, and social customs. Emphasis on field work. *Three semester hours credit.*

Prerequisite: Biology 1 or Biology 11. Two class hours and three field or laboratory hours, second semester.

25. CONSERVATION

MR. HENSLEY

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Three semester hours credit.*

No prerequisites. Two class hours, and field trips as arranged, first semester. Alternates with Course 27.

26. FIELD WORK IN BIOLOGY: ORNITHOLOGY

MR. HENSLEY

The identification and distribution of plants and animals and the mutual relations between organisms and their environment. Emphasis upon ornithology. *Three semester hours credit.*

Prerequisites: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, second semester.

Alternates with Course 28.

27. ECOLOGY

MR. HENSLEY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations. *Three semester hours credit.*

Prerequisite: Biology 1 or 11 and 12. Two class hours, and field trips as arranged, first semester.

Alternates with Course 25.

Not given 1956-1957.

28. FIELD WORK IN BIOLOGY: HERPETOLOGY

MR. HENSLEY

The identification and distribution of plants and animals, and the mutual relations between organisms and their environment. Emphasis upon herpetology. *Three semester hours credit.*

Prerequisite: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, second semester.

Alternates with Course 26.

Not given 1956-1957.

31. MICROSCOPY AND MICROTECHNIQUE

MR. BOWEN

Theory and use of the microscope and other types of optical instruments; the handling of microscopic objects; the techniques of preparing materials for microscopic investigation.
Four semester hours credit.

Prerequisites: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester.

32. HISTOLOGY

MR. BOWEN

The microscopic structure, origin and function of individual cells, the fundamental tissues, and the principal organs of the animal body.

Four semester hours credit.

Prerequisites: Biology 1 or 11 and 12 and Biology 21 or 23. Three class hours and three laboratory hours, second semester.

33. EMBRYOLOGY

MR. BARNES

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development.

Four semester hours credit.

Prerequisite: Biology 1 or 11 and 12 and 21 or 23. Three class hours and three laboratory hours, first semester.

36. MAMMALIAN ZOOLOGY

MR. MESSER

Detailed structure of a typical mammal and an introduction to human anatomy and physiology.

Four semester hours credit.

Prerequisites: Biology 21 or 23. Three class hours and three laboratory hours, second semester.

41. GENERAL MICROBIOLOGY

MR. BOWEN

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa.

Four semester hours credit.

Prerequisites: Biology 1 or 11 and 12 and 31. Three class hours and three laboratory hours, first semester.

43. PRINCIPLES OF HEREDITY

MR. BOWEN

The fundamental principles of heredity as observed in common plants and animals, including man, and the relationships between heredity and development, physiology, and evolution.

Two semester hours credit.

Prerequisites: Biology 1 or 11 and 12. Two class hours, first semester.
Not given 1956-1957.

44. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time. *Two semester hours credit.*

No prerequisite: Two class hours, second semester.

Not given 1956-1957.

45. GENERAL PHYSIOLOGY

MR. BOWEN

The structural and functional bases of plant and animal reactions; the mechanics and dynamics of living matter. *Four semester hours credit.*

Prerequisites: Biology 1 or 11 and 12 and 21 or 23. Three class hours and three laboratory hours, second semester.

51. BIOLOGICAL SEMINAR

STAFF

A survey of the field of biology; the history of biology; the use of scientific publications, including recent biological texts and current journals.

Four semester hours credit.

Course advised for Junior or Senior Biology majors. Two class hours throughout the year.

55. PROBLEMS IN BIOLOGY

STAFF

An introduction to special techniques and methods in biological investigation. Offered to Junior or Senior Biology majors who have the approval of the department for this particular course.

Maximum credit of four semester hours each semester.

Hours and credit as arranged.

Chemistry

Professors ZINN and SLOAT, Associate Professor WEILAND, and Assistants

Requirements for a major include 1, 2a, 2b, 4, and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors will take advanced courses according to their needs and upon the advice of the head of the department.

1. GENERAL CHEMISTRY

MESSRS. SLOAT, WEILAND,
ZINN, and ASSISTANTS

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds, and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems.

Eight semester hours credit.

Two lectures, one recitation, and three laboratory hours, throughout the year.

2a. QUALITATIVE ANALYSIS**MR. WEILAND**

Comprehensive study of chemical equilibrium and its application to inorganic qualitative analysis. Laboratory is on a semimicro scale.

Four semester hours credit.

Prerequisites: Chemistry 1 and Mathematics 1 and 2. Two lectures and six laboratory hours, first semester.

2b. QUANTITATIVE ANALYSIS**MR. WEILAND**

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

Four semester hours credit.

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.

3. ADVANCED ANALYTICAL CHEMISTRY**MR. WEILAND**

Discussion and laboratory practice of gravimetric separations, volumetric and colorimetric analysis, and organic combustion methods.

Recommended to prospective graduate students and industrial chemists.

Four semester hours credit.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.

4. ORGANIC CHEMISTRY**MR. ZINN**

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and technique of preparation in the laboratory.

Eight semester hours credit.

Prerequisites: Chemistry 1, 2a, and 2b. Three lectures and three laboratory hours, throughout the year.

5. PHYSICAL CHEMISTRY**MR. SLOAT**

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice.

Eight semester hours credit.

Prerequisites: Chemistry 1, 2a, and 2b, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

6. SPECIAL QUANTITATIVE METHODS

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial

products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

Hours and credit as arranged up to four semester hours.

Prerequisites: Chemistry 1, 2a, 2b, and 3.

8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists. *Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. It consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals, and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

Four semester hours credit.

One lecture and three laboratory hours, throughout the year.

Dramatic Arts

Professor ARMS

1c. APPRECIATION OF THE THEATRE

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

One hour, throughout the year.

Two semester hours credit.

2. TECHNIQUE OF THE THEATRE

MR. ARMS

Theory and practice of acting and production.

Two hours, throughout the year.

Four semester hours credit.

Economics and Business Administration

Professor STOKES, Associate Professor LARKIN, Assistant Professors BAIRD, HOWELL, and WILLIAMS, Lecturer BAKERMAN, and ASSISTANTS

The courses offered in this department are designed to provide an understanding of the principles of economic behavior. Both theoretical and applied courses are

designed to meet the needs of students who intend to enter graduate and professional schools, or plan a career in business or government. Fundamentals rather than techniques are stressed.

Students may select either Economics or Business Administration as their major field.

Economics

The requirements for a major in Economics are a minimum of 24 semester hours including courses 3, 15, 16, and 18, and Mathematics 23 (Statistics). In addition all majors are required to take Political Science 1a (American Government), and are advised to take Economics 4 (Accounting).

3A. PRINCIPLES OF ECONOMICS

STAFF

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. It is not acceptable in partial fulfillment of the major and minor requirements of the department.

Three semester hours credit.

Three hours, second semester.

3. PRINCIPLES OF ECONOMICS

STAFF

Economic principles, problems, and policies, with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

Sophomore course. Three hours throughout the year. *Six semester hours credit.*

Required of all majors and minors in Economics. Recommended for all Political Science majors.

11. LABOR RELATIONS

MR. LARKIN

Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees.

Three semester hours credit.

Prerequisite: Economics 3. Three hours, second semester.

14. TRANSPORTATION

MR. LARKIN

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

15. ADVANCED ECONOMIC THEORY

MR. WILLIAMS and MRS. HOWELL

An analysis of the forces affecting the level of economic activity, income, and employment; monetary and fiscal policy; value and distribution.

Senior course. Three hours, either semester.

Three semester hours credit.

16. MONEY AND BANKING

MR. STOKES

The nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy. *Three semester hours credit.*

Junior or Senior course. Three hours, either semester.

18. HISTORY OF ECONOMIC THOUGHT

MR. WILLIAMS

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time.

Three semester hours credit.

Prerequisite: Economics 3. Three hours, second semester.

Junior or Senior courses.

19. PUBLIC FINANCE

MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions; the various types of taxes and their economic effects; fiscal policy; the budget; management of the public debt.

Three semester hours credit.

Prerequisite: either Economics 3 or Political Science 1.

Junior or Senior course. Three hours, first semester.

20. INTERNATIONAL ECONOMICS

MRS. HOWELL

International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

22. CONSUMER ECONOMICS

MR. LARKIN

An analytical treatment of the consumer's role in the economic system: the forces behind demand; family income and budgets; instalment finance; life insurance; investments; home ownership; producer and government aids to consumers.

Three semester hours credit.

No prerequisites. Junior and Senior course. Second semester.

AMERICAN ECONOMIC HISTORY

See History 5.

ELEMENTARY STATISTICS

See Mathematics 23.

Business Administration

The requirement for a major in Business Administration is 30 semester hours. Courses 3, 4, and 15 are required and the remainder of the subjects may be selected

from any of the courses listed below or from those listed under Economics. All majors are further required to take Political Science 1a.

1. ECONOMIC GEOGRAPHY

MR. WILLIAMS and MRS. HOWELL

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources. *Three semester hours credit.*

Open only to Freshmen, except with special permission of department. Three hours, first semester.

2. INDUSTRIES OF THE UNITED STATES

MR. WILLIAMS and MRS. HOWELL

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on their geographic basis, historical evolution, current economic position, and problems.

Freshman course. Three hours, second semester. *Three semester hours credit.*

4. ELEMENTARY ACCOUNTING

MR. BAIRD

Fundamental principles of modern accounting procedure, preparation of basic financial statements. *Six semester hours credit.*

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

5. INTERMEDIATE ACCOUNTING

MR. BAIRD

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements. *Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

6. ADVANCED ACCOUNTING

MR. BAIRD

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships, and governmental and institutional accounting. *Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.

COST ACCOUNTING

See Mathematics 25.

MATHEMATICS OF INVESTMENT

See Mathematics 21.

7. FEDERAL TAXES

MR. BAIRD

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required.

Three semester hours credit.

Prerequisite: Economics 5. Three hours, second semester.

8. MARKETING PRINCIPLES AND PRACTICES

MR. LARKIN

An analysis of the marketing structure underlying the sale and movement of goods from the producer to the final buyer, with a view toward determining the principles and practices conducive of more efficient marketing management.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

10. BUSINESS LAW

MR. STOKES

Legal rights and obligations arising out of common business transactions.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

12. INDUSTRIAL MANAGEMENT

MR. WILLIAMS

An introduction to the field of industrial management with special emphasis on economic background, financing, research, engineering, etc. Plant site selection, layout, production control, budgeting, purchasing, internal coordination and control.

Three semester hours credit.

Senior course. Three hours, either semester.

13. PERSONNEL MANAGEMENT

MR. WILLIAMS

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination.

Three semester hours credit.

Prerequisite: Economics 11. Senior course. Three hours, either semester.

17. BUSINESS FINANCE

MR. LARKIN

A descriptive and analytic study of the principles and problems of finance faced by business enterprises, with special emphasis placed on current aspects of financial planning and budgeting, and the administration of working capital.

Three semester hours credit.

Prerequisite: Economics 4. Three hours, first semester.

Education

*Professor KRAMER, Associate Professor JOHNSON, Assistant Professor SHAND,
and DR. DUCK*

All students intending to teach should register with the Education Department by April 15 of their Freshman year. As a guide to them, each subject-matter department has planned a suitable curriculum for its majors to follow. The following Education courses, in the sequence shown below, are recommended:

Education 1	History of Education in the United States	3
Education 2	Junior Combination Course	3
Education 5	Educational Psychology	3
Education 6	Introduction to High School Teaching	3
Education 10	Audio-Visual Education	3
Education 11	Student Teaching	6

Psychology 1, General Psychology, taken in the Sophomore year, is a prerequisite for Education 5. All students except History majors must take History 6, History of the United States and of Pennsylvania, for Pennsylvania certification.

A grade of B or better must be attained in each subject presented for certification, as well as a grade of C or better in Student Teaching.

1. HISTORY OF EDUCATION IN THE UNITED STATES. MR. KRAMER

Development of education in the United States, with emphasis on Pennsylvania. Special attention is given to the qualifications of a good teacher, rating scales, a teachers' philosophy of education, and professional ethics.

Sophomore course. Three hours, either semester. *Three semester hours credit.*

2. JUNIOR COMBINATION COURSE MR. JOHNSON

The philosophy and principles underlying the teaching of young children; principles of secondary education; curriculum construction; pupil guidance; classroom observation.

Three semester hours credit.

Junior and Senior course. Three hours, either semester.

5. EDUCATIONAL PSYCHOLOGY MR. JOHNSON

Application of the principles of psychology to classroom practice.

Three semester hours credit.

Prerequisite: Psychology 1. Junior course. Three hours, either semester.

6. INTRODUCTION TO HIGH SCHOOL TEACHING MR. KRAMER

High school teaching principles and techniques, and classroom management.

Three semester hours credit.

Junior and Senior course. Three hours, either semester.

10. AUDIO-VISUAL EDUCATION

MR. JOHNSON

The use of audio-visual aids in classroom instruction, with emphasis on laboratory work. *Three semester hours credit.*

Junior and Senior course. Three hours, either semester.

Open only to students who expect to teach.

11. STUDENT TEACHING

MR. KRAMER

Consists of 180 hours of observation, participation, and teaching on the secondary school level. Student teaching is open only to a limited number of students, and must be arranged for in the Junior year. *Six semester hours credit.*

Prerequisite: Education 6 with a grade of B or better, and approval of subject matter departments and Faculty committee on Student Teaching.

Senior course, either semester.

14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS

MR. SHAND

A survey of tests, inventories, and other instruments and of statistical computations used in psychology and education. *Three semester hours credit.*

Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester.

40. PRINCIPLES OF GUIDANCE

MR. DUCK

A general introduction to basic principles of personnel administration for student counselors. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

English

(Composition, Literature and Speech)

Professors GEYER and MASON, Assistant Professors BOLICH, TAYLOR, TOWNSEND, and WOLFINGER, Instructors LINDEMAN, McLENNAND, and PICKERING, and Lecturer HARTZELL

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 31; 30 or 32; 21 or 22; 23 or 24; and 11, 13, or 15. Majors and minors who expect to teach in the public schools should take English 15 and Speech 1. English A is a prerequisite for all other courses in English.

Composition

A. ENGLISH COMPOSITION

MESSRS. GEYER, LINDEMAN, PICKERING,
and WOLFINGER, and MMES. HARTZELL, McLENNAND, TAYLOR, and TOWNSEND

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen.

Three hours, throughout the year.

Six semester hours credit.

5. ADVANCED COMPOSITION

MR. PICKERING

The principles and techniques of expository and argumentative writing.

Three hours, first semester.

Three semester hours credit.

6. JOURNALISM

MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

Two hours, either semester.

Two semester hours credit.

7. CREATIVE WRITING

MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor. *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

8. ADVANCED CREATIVE WRITING

MRS. TAYLOR

Workshop for advanced writing students. Problems and techniques of writing short stories, verse, essays, etc. *Four semester hours credit.*

Prerequisite: English 7. Two hours, throughout the year. (Credit granted for one semester or both.)

Literature

1. ENGLISH LITERATURE

MESSRS. GEYER, MASON, and WOLFINGER,
and MRS. MCLENNANDA survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

Three hours, throughout the year.

Six semester hours credit.

11. THE ENGLISH NOVEL

MR. PICKERING

Historical development of the English novel from Defoe to the twentieth century.

Three hours, throughout the year.

Six semester hours credit.

12. CONTEMPORARY PROSE FICTION

MR. GEYER

An intensive study of selected British and American prose works of the twentieth century.

Three hours, second semester.

Three semester hours credit.

13a. ENGLISH DRAMA

MR. WOLFINGER

From the liturgical play to 1660.

Three hours, first semester.

Three semester hours credit.

13b. ENGLISH DRAMA

MR. WOLFINGER

From 1660 to the rise of the New Drama.

Three hours, second semester.

Three semester hours credit.

14. MODERN DRAMA

MR. WOLFINGER

From Ibsen to O'Neill.

Three hours, second semester.

Three semester hours credit.

15a. AMERICAN POETRY

MR. MASON

From Bryant to Lanier; emphasis on critical interpretation.

Three hours, first semester.

Three semester hours credit.

15b. AMERICAN PROSE

MR. MASON

Selections from the eighteenth and nineteenth centuries.

Three hours, second semester.

Three semester hours credit.

*16. MODERN POETRY

MR. LINDEMAN

English and American poets of the present century. *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

21. THE SEVENTEENTH CENTURY

MR. MASON

The poetry and prose of the period with special attention to Bacon, Jonson, and Donne.

Three hours, second semester.

Three semester hours credit.

22. THE EIGHTEENTH CENTURY

MR. GEYER

The chief poets and prose writers of the neo-classical period.

Three hours, second semester.

Three semester hours credit.

23. THE ROMANTIC PERIOD

MR. GEYER

Wordsworth, Coleridge, Byron, Shelley, and Keats.

Three hours, second semester.

Three semester hours credit.

24. THE VICTORIAN PERIOD

MR. GEYER

The poetry and prose of the period with special attention to Tennyson, Browning, and Arnold.

Three hours, first semester.

Three semester hours credit.

* May be used to meet appreciation requirements.

30. CHAUCER

MR. GEYER

The Canterbury Tales, Troilus and Criseyde, and several shorter poems.

Three hours, first semester.

Three semester hours credit.

31. SHAKESPEARE

MR. WOLFINGER

Eighteen plays and recent critical writing about Shakespeare.

Three hours, first semester.

Three semester hours credit.

32. MILTON

MR. MASON

Milton's poetry and selected prose.

Three hours, first semester.

Three semester hours credit.

Speech

1. BASIC PUBLIC SPEAKING

MR. BOLICH

Basic principles of public address: delivery, bodily action, voice; finding, arranging, and presenting ideas.

Two hours, either semester.

Two semester hours credit.

2. ADVANCED PUBLIC SPEAKING

MR. BOLICH

The adaptation of public address to various purposes: to inform, to entertain, to convince, to induce to action.

Two semester hours credit.

Prerequisite: Speech 1. Two hours, second semester.

3. VOICE AND DICTION

MR. BOLICH

Proper use of voice apparatus through drills and study in physical control, breathing, tone production, and resonance. Exercises in articulation, correct pronunciation, and expressiveness.

Two semester hours credit.

Two hours, first semester.

4. ARGUMENTATION AND DISCUSSION

MR. BOLICH

The principles of logical proof in oral discourse.

Two hours, second semester.

Two semester hours credit.

5. ORAL INTERPRETATION

MR. BOLICH

Study and practice in techniques of reading aloud from prose, poetry, and dramatic literature.

Two hours, first semester.

Two semester hours credit.

6. RADIO SPEECH

MR. BOLICH

Radio as a means of communication. The principles of radio speaking and script writing; problems of production.

Two hours, second semester.

Two semester hours credit.

Fine Arts

Professors SUNDERMEYER and KRAMER, and Lecturers KRAPE and JACKSON

*1. HISTORY OF ART: PREHISTORIC THROUGH GOTHIC

MRS. JACKSON

Paleolithic beginnings, Egypt, Mesopotamia, Greece, Rome, Early Christian, Pre-Renaissance.

Two semester hours credit.

Two hours, either semester.

*2. ART APPRECIATION: RENAISSANCE THROUGH 19TH CENTURY

MRS. JACKSON

Lectures and discussions about distinctive examples of the visual arts, methods, principles, and appreciation.

Two semester hours credit.

*3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, with some attention to Japanese, Indian, and Persian art. The history, traditions, and culture will form the background for studying material from museums and collections.

One hour, throughout the year.

Two semester hours credit.

*4. ART APPRECIATION: ART TODAY

MRS. JACKSON

The great art movements of our time.

Two hours, either semester.

Two semester hours credit.

5. BEGINNING DRAWING, PAINTING, AND COMPOSITION

MR. KRAPE

A basic studio course in various drawing media with a choice of either water color or oil in painting. The use of the visual elements organized by the principles of design. Discussions about the relation of drawing and painting to cultural daily living.

Three semester hours credit.

Six studio hours weekly, either semester.

6. PICTORIAL DESIGN

MR. KRAPE

A continuation of course 5 with particular emphasis on pictorial design. Analyses of the paintings of outstanding artists of the past and present.

Three semester hours credit.

Prerequisite: Fine Arts 5. Six studio hours weekly, either semester.

* May be used to meet appreciation requirements.

7. BEGINNING POTTERY

A basis course in volume, proportion, and simple ornament as related to hand-built pottery. Experience in forming, glazing, and firing. Discussions about the relation of ceramics to cultural daily living. *Three semester hours credit.*

Six studio hours, either semester.

Not given 1956-1957.

8. INTERMEDIATE POTTERY

A continuation of course 7 with emphasis upon individual initiative in devising and solving problems. Introduction to use of electric wheel.

Three semester hours credit.

Prerequisite: Fine Arts 7. Six studio hours either semester.

Not given 1956-1957.

French

(See Romance Languages)

German

*Professor SUNDERMEYER, Associate Professors AHRENS and STOREK,
Lecturers I. LANGERHANS and L. FORTENBAUGH*

Requirements for a major include Courses 2, 3, 6, 12, 13, or 14 and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13 or 14. Courses 14 and 15 count as six semester hours in the original provided they are taken together. Courses 2, 3, 4, 7, 10, 11, and 16 may be applied in fulfillment of the literature requirement.

German Language**A. ELEMENTARY GERMAN****STAFF**

The essentials of grammar; reading of simple prose and poetry.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE GERMAN**STAFF**

Review of grammar; reading of standard German. *Six semester hours credit.*

Prerequisite: German A. Three hours, throughout the year.

6. COMPARATIVE PHILOLOGY**MR. AHRENS**

A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language.

One hour, throughout the year.

Two semester hours credit.

12. COMPOSITION

MR. AHRENS

Practice in writing idiomatic German.

Two semester hours credit.

One hour, throughout the year.

13. CONVERSATION

MR. AHRENS

Practice in speaking German.

Four semester hours credit.

Two hours, throughout the year.

German Literature and Civilization

2. THE CLASSICAL FIELD

MR. SUNDERMEYER

Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller.

Six semester hours credit.

Prerequisite: German 1. Three hours, throughout the year.

3. THE 19TH CENTURY

MR. AHRENS

Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann.

Six semester hours credit.

Prerequisite: German 1. Three hours, throughout the year.

4. LUTHER

MR. AHRENS

An advanced course devoted to the study of selections from Luther's German writings.

Two semester hours credit.

One hour, throughout the year.

7. GERMAN SCIENTIFIC PROSE

MR. AHRENS

Selections of literary merit from authors in the field of the natural sciences.

Six semester hours credit.

Prerequisite: German 1. Three hours, throughout the year.

8. GERMAN SCIENTIFIC PROSE

MR. SUNDERMEYER

Readings adapted to individual needs of students majoring in any of the exact sciences.

Two semester hours credit.

One hour, throughout the year.

10. GOETHE'S FAUST

MR. SUNDERMEYER

Goethe's *Faust*, I and II.*Six semester hours credit.*

Two hours and collateral reading, throughout the year.

11. CONTEMPORARY LITERATURE MR. SUNDERMEYER
 Selections from contemporary literature. *Six semester hours credit.*
 Two hours and collateral reading, throughout the year.
14. ADVANCED GERMAN PROSE MRS. LANGERHANS
 Readings in the fields of fiction, history, and philosophy, selected to coordinate with German 15. Conducted in German. *Four semester hours credit.*
 Two hours, throughout the year.
15. HISTORY OF GERMAN CIVILIZATION MR. SUNDERMEYER
 Lecture course in English. Open to all students. Credit given in the Departments of German and History *Two semester hours credit.*
 One hour, throughout the year.
16. SEMINAR IN GERMAN LITERATURE MR. SUNDERMEYER
 A reading course conducted in German. *Six semester hours credit.*
 Two hours and collateral reading, throughout the year.

Greek

Professor SHAFFER

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

- A. ELEMENTARY GREEK MR. SHAFFER
 An elementary course for beginners. *Six semester hours credit.*
 Three hours, throughout the year.
- B. INTERMEDIATE GREEK MR. SHAFFER
 Selections from Xenophon and Homer. Prose composition. *Six semester hours credit.*
 Prerequisite: Greek A. Three hours, throughout the year.
1. HERODOTUS MR. SHAFFER
 Reading of selections, with lectures and reports on literary and historical background. *Three semester hours credit.*
 Prerequisites: Greek A and B. Three hours, first semester.

2. GREEK TRAGEDY

MR. SHAFFER

Selected plays with lectures and reports on the literary, religious, and philosophical background. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.

3. GREEK LITERATURE IN ENGLISH

MR. SHAFFER

Reading and study of selected masterpieces of Greek literature.

Knowledge of Greek not required. *Three semester hours credit.*

Three hours, first semester.

4. GREEK HISTORY

MR. SHAFFER

A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources. *Three semester hours credit.*

Knowledge of Greek not required.

Three hours, second semester.

5. GREEK MUSIC

MR. SHAFFER

Greek musical theory and practice. *Three semester hours credit.*

Prerequisite: Greek A and B, and an elementary knowledge of music.

Three hours, first semester.*

6. NEW TESTAMENT

MR. SHAFFER

Readings in Hellenistic Greek, with special attention to the language of the New Testament. *Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, second semester.

7. PLATO

MR. SHAFFER

The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates. *Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, first semester.

8. HOMER

MR. SHAFFER

The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.

Not given 1956-57.

* To be given if needed.

9. GREEK LYRIC POETRY AND PROSE COMPOSITION MR. SHAFFER

A survey of Greek poetic literature and a review of syntax.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, second semester.

Not given 1956-57.

10. GREEK ORATORY MR. SHAFFER

Selected orations in Greek and the *Rhetoric* of Aristotle in English.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, first semester.*

11. THE ANCIENT HISTORY OF THE NEAR EAST MR. SHAFFER

Survey of the ancient civilizations of southwestern Asia and of Egypt.

Knowledge of Greek not required.

Three semester hours credit.

Three hours, first semester.*

12. GREEK COMEDY MR. SHAFFER

Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, second semester.*

13. READINGS IN GREEK PHILOSOPHY MR. SHAFFER

Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10.

One semester hour credit.

One hour, first semester.*

14. READING COURSE IN GREEK OLD TESTAMENT MR. SHAFFER

Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background.

Three semester hours credit.

Prerequisite: Greek 6. Approval of the Department is required.

Three hours, either semester.

Health and Physical Education

Professor BREAM, Associate Professor BARTHOLOMEW, Assistant Professors HAAS, KENNEY, YOVICSIN, and DAVIES, and Instructors LENTZ and LUCKENBILL

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, and open to both men and women. The department offers curricula leading to both the degree of Bachelor of Arts and

* To be given if needed.

the degree of Bachelor of Science, with a major in Health and Physical Education. Students enrolled in either of the above curricula must take all the courses listed in that curriculum, plus such other courses as may be required by the department.

Methods and Activities

1. METHODS AND ACTIVITIES

STAFF

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills.

Activities for men: tennis, soccer, volleyball, basketball, swimming, track and field, and golf.

*Activities for women.

Four semester hours credit.

Two hours, throughout the year.

2. METHODS AND ACTIVITIES

STAFF

An individual program of activities participation, based upon ability and progress.

Activities for men: tennis, football, wrestling, apparatus, tumbling, dancing, speedball, and golf.

*Activities for women.

Four semester hours credit.

Two hours, throughout the year.

3. METHODS AND ACTIVITIES

STAFF

Methods and techniques of class organization and instruction in a variety of physical education activities.

Four semester hours credit.

Two two-hour periods, throughout the year.

4. METHODS AND ACTIVITIES

STAFF

Methods and techniques of class organization and instruction in a variety of physical education activities. Continuation of Course 3.

Two two-hour periods, through out the year.

Four semester hours credit.

5. AQUATICS

MR. LENTZ

Teaching methods and techniques in basic strokes, diving, life-saving, and water safety.

Two semester hours credit.

Three hours, either semester.

* Women students have an optional-required program, based on a quarter system. Elective activities and required courses for eight (8) credits will satisfy college requirements. All women students must pass the swimming course before graduation.

Physical Education

6. INTRODUCTION TO PHYSICAL EDUCATION MISS KENNEY
A general survey of the field, with special emphasis upon developing and understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*
Two hours, either semester.
13. PRINCIPLES AND CURRICULUM PLANNING MR. BARTHOLOMEW
An evaluation of principles and their application in planning a modern physical education program. *Two semester hours credit.*
Two hours, second semester.
17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION MR. YOVICSIN
Legal and administrative problems, personnel relations, social interpretation, budget and finance, plant and office management. *Four semester hours credit.*
Senior course. Two hours, throughout the year.
18. ADMINISTRATION OF RECREATION AND CAMPING MISS KENNEY
The theory of, and need for, play, personnel qualifications, and administration. *Two semester hours credit.*
Two hours, second semester.
19. PHYSICAL EDUCATION FOR THE HANDICAPPED MISS KENNEY
Misconception, causes of handicaps, specific handicaps, the remedial program, the orthopedic examination, and administration. *Two semester hours credit.*
Prerequisite: Health Education 14.
Two hours, first semester.
21. CARE AND PREVENTION OF INJURIES MR. BARTHOLOMEW
The official Beginners' Red Cross First Aid course, with emphasis on the practical aspects of symptom recognition and safety. *One semester hour credit.*
Two hours, first semester.
22. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION MR. BARTHOLOMEW
Written and practical tests in the fields of health and physical education. *Two semester hours credit.*
Two hours, second semester.

Health Education

10. PERSONAL HYGIENE

MISS KENNEY

Practical aspects of the every-day life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health.

Three semester hours credit.

Three hours, first semester.

11. COMMUNITY HEALTH

MISS KENNEY

The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed.

Three semester hours credit.

Three hours, second semester.

12. SCHOOL HEALTH PROBLEMS

MR. BARTHOLOMEW

The recognition and possible solution of typical problems.

Three hours, first semester.

Three semester hours credit.

14. ANATOMY, PHYSIOLOGY AND KINESIOLOGY

MR. BARTHOLOMEW

A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body.

Three hours, throughout the year.

Six semester hours credit.

History

Professor FORTENBAUGH, Associate Professor BLOOM, and Assistant Professors CRAPSTER, and GLATFELTER

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, and 6, are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

1. HISTORY OF WESTERN CIVILIZATION

MR. GLATFELTER

A survey from pre-literary times to the present, describing the growth of social institutions.

Six semester hours credit.

Three hours, throughout the year.

2. HISTORY OF ENGLAND

MR. CRAPSTER

A survey from Roman times to the present, emphasizing institutional and cultural developments.

Six semester hours credit.

Three hours, throughout the year.

3a. HISTORY OF THE UNITED STATES TO 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

History 3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Three hours, first semester.

Three semester hours credit.

3b. HISTORY OF THE UNITED STATES SINCE 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

Three hours, second semester.

Three semester hours credit.

4. THE UNITED STATES, 1899-1939

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, first semester.

5. AMERICAN ECONOMIC HISTORY

MR. BLOOM

Economic life and forces throughout the history of the United States.

Three hours, second semester.

Three semester hours credit.

6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania. *Six semester hours credit.*

Three hours, throughout the year.

7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, second semester.

8. SELECTED TOPICS IN AMERICAN HISTORY

MR. BLOOM

An advanced course offering intensive study of special topics or periods.

Prerequisite: History 3 or 6.

Three semester hours credit.

Three hours, second semester.

9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Two semester hours credit.

Two hours, second semester.

10. EUROPE FROM THE RENAISSANCE TO 1763 MR. CRAPSTER
A survey of European history in the early modern period in its world setting—the Renaissance, the Reformation, the growth of national states, and the Enlightenment. *Three semester hours credit.*
Prerequisite: History 1. Three hours, first semester.
11. EUROPE IN THE FRENCH REVOLUTIONARY AND NAPOLEONIC ERAS MR. CRAPSTER
A survey of Europe from 1763 to 1789, followed by an intensive study of the political, social, economic, and intellectual developments taking place in Europe from 1789 to 1815. *Three semester hours credit.*
Prerequisite: History 1. Three hours, second semester.
Alternates with History 14.
12. EUROPE FROM 1815 TO 1919 MR. CRAPSTER
A survey of European history from the Congress of Vienna to the end of the First World War. *Three semester hours credit.*
Three hours, first semester.
13. EUROPE SINCE 1919 MR. CRAPSTER
A survey of recent European history in its world setting.
Three hours, second semester. *Three semester hours credit.*
14. HISTORY OF RUSSIA MR. CRAPSTER
A survey of Russian history, emphasizing the period from 1682 to 1939. *Three semester hours credit.*
Prerequisite: History 1. Three hours, second semester.
Alternates with History 11.
Not given 1956-1957.
18. CIVIL WAR AND RECONSTRUCTION MR. BLOOM
The sectional conflict in American history from the War with Mexico in 1846 to the end of Reconstruction 1877. *Three semester hours credit.*
Prerequisite: History 3 or 6. Three hours, first semester.
19. THE AMERICAN COLONIAL PERIOD MR. FORTENBAUGH
An intensive study of the colonial period before 1763 with emphasis upon economic, social, and religious development. *Three semester hours credit.*
Prerequisite: History 3 or 6. Three hours, second semester.

20. HISTORICAL METHOD

MR. FORTENBAUGH

For Junior majors and other qualified students who expect to teach history.

Three hours, first semester.

Three semester hours credit.

21. UNDERGRADUATE SEMINAR

MESSRS. BLOOM, CRAPSTER, FORTENBAUGH, and GLATFELTER

Practice in the criticism and use of historical sources. For Junior or Senior majors. *Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

GERMAN HISTORY

See German 15.

GREEK HISTORY

See Greek 4.

ROMAN HISTORY

See Latin 11.

FRENCH HISTORY

See French 21.

Latin*Professor GLENN*

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of the literature requirement in the original. Students planning to do graduate work in Latin should take college Greek courses.

B-C. VERGIL

MR. GLENN

Selections from the *Aeneid*.*Six semester hours credit.*

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors. *Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

2. HORACE

MR. GLENN

Selections from the *Odes, Epodes, Satires*.*Three semester hours credit.*

Three hours, second semester.

3. CICERO'S LETTERS

MR. GLENN

Life and literature in Cicero's time.

Three semester hours credit.

Three hours, first semester.

4. ROMAN COMEDY

MR. GLENN

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama.

Three semester hours credit.

Three hours, second semester.

5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required.

Three semester hours credit.

Alternates with Course 7. Two hours, first semester.

6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*.*Two semester hours credit.*

Alternates with Course 8. Two hours, second semester.

7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century.

Two semester hours credit.

Alternates with Course 5. Two hours, first semester.

Not given 1956-1957.

8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research.

Two semester hours credit.

Alternates with Course 6. Two hours, second semester.

Not given 1956-1957.

10. LATIN LITERATURE IN ENGLISH

MR. GLENN

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.

Three hours, second semester.

Three semester hours credit.

11. ROMAN HISTORY AND CIVILIZATION

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private

life, etc., and their influence on modern life. A knowledge of Latin is not required. *Three semester hours credit.*

Three hours, first semester.

13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

Two semester hours credit.

15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course. *Two semester hours credit.*

One hour, throughout the year.

Mathematics

Professor ARMS, Assistant Professor MOORHEAD, Lecturer BUTTERFIELD, and DEAN FRYLING

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, and 14. With adviser's approval, Mathematics 21, Mathematics 23, and Mathematics 25 may be used as part of the course requirements for a major in Economics.

1a. COLLEGE ALGEBRA

MESSRS. BUTTERFIELD and MOORHEAD

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem. *Three semester hours credit.*

Prerequisite: one unit of algebra. Three hours, first semester.

1b. PLANE TRIGONOMETRY

MESSRS. BUTTERFIELD and MOORHEAD

Definitions and properties of the trigonometric functions; solutions of triangles. *Three semester hours credit.*

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

2. ELEMENTARY ANALYSIS

MR. MOORHEAD

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus. *Six semester hours credit.*

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

5. ANALYTICAL GEOMETRY

MR. ARMS

Plane and solid analytical geometry, and an introduction to calculus.

Six semester hours credit.

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulæ of differentiation and integration, with applications.

Six semester hours credit.

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

8. MODERN GEOMETRY

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

8A. COLLEGE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

8B. ANALYTICAL GEOMETRY OF SPACE

Two hours, throughout the year.

Four semester hours credit.

8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

9. MODERN ANALYSIS

MESSRS. ARMS and FRYLING

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9B. HIGHER CALCULUS AND THEORY OF EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

Four semester hours credit.

10. METHODS OF TEACHING

MR. MOORHEAD

Methods of teaching high school mathematics supplemented with practice teaching and observation.

Four semester hours credit.

Three periods, throughout the year.

14. READING COURSE

MR. MOORHEAD

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and semester hours credit as arranged.

21. MATHEMATICS OF INVESTMENT

MR. ARMS

Compound interest as applied to annuities, life insurance, and depreciation.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, first semester.

23. STATISTICS

MR. ARMS

A first course: mean, mode, median, correlation and index numbers.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, second semester.

25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

Six semester hours credit.

Prerequisite: Economics 4. Three hours, throughout the year.

Music

Professors WAGNILD and SHAFFER, Assistant Professors ACKLEY and DANFELT, Instructor KADEL and Private Music Teachers BARRIGA, BUDDÉ, and SPRINGER

The degree of Bachelor of Science in Music Education will be awarded to those who wish to complete requirements for teaching or supervising music in the elementary and secondary schools. For further information see page 52.

Requirements for a major in music leading to a Bachelor of Arts degree comprise a minimum of 24 hours, including Music 6, 7, 8, 12 and other courses upon the advice of the head of the department.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.* (2) Presentation of a recital in the Junior or Senior Year.**

A musical aptitude test will be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment.

1. APPRECIATION OF MUSIC

MR. SHAFFER

The principal musical forms against the background of the other arts.

Two hours, second semester.

Two semester hours credit.

* A thesis or additional private study may be substituted for group participation at the discretion of the Department.

** In special cases a standard proficiency test may be submitted for a recital.

2. APPRECIATION OF MUSIC DRAMA MR. SHAFFER
A review of the history of opera and analyses of examples as drama and as music. *Two semester hours credit.*
Not given 1956-1957.
3. APPRECIATION OF THE SYMPHONY MR. SHAFFER
Historical backgrounds and analyses of symphonic forms.
Two hours, first semester. *Two semester hours credit.*
6. HISTORY OF MUSIC MR. ACKLEY
A survey of the development of musical art from ancient to modern times.
Three hours, throughout the year. *Six semester hours credit.*
- 7a. HARMONY MR. WAGNILD
Scale and chord structure, chord relationship, non-chordal tones, and analyses.
Three hours, first semester. *Three semester hours credit.*
- 7b. HARMONY MR. WAGNILD
Diatonic chords with various bytones, harmonization or original melodies, simple modulation. Aural approach to harmonic effects.
Three hours, second semester. *Three semester hours credit.*
- 8a. ADVANCED HARMONY MR. WAGNILD
Chromatic harmony, modulation, creative work, analyses.
Three hours, first semester. *Three semester hours credit.*
- 8b. ADVANCED HARMONY MR. WAGNILD
Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.
Three hours, second semester. *Three semester hours credit.*
- 9a. KEYBOARD HARMONY MR. WAGNILD
Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations. *Two semester hours credit.*
Prerequisites: Harmony 7a and 7b. Two hours, first semester.
- 9b. KEYBOARD HARMONY MR. WAGNILD
Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work. *Two semester hours credit.*
Two hours, second semester.

10a, b. SIGHT-SINGING AND DICTATION

MISS KADEL

The singing and writing of diatonic intervals, triads, rhythmic patterns and melodies. *Four semester hours credit.*

Three hours, throughout the year.

11a, b. ADVANCED SIGHT-SINGING AND DICTATION

MISS KADEL

The development of musical memory and the writing and singing of difficult rhythmic patterns, intervals, and melodic phrases; aural and visual analysis of harmonic structures. *Four semester hours credit.*

Two hours, throughout the year.

12. MUSICAL FORM AND ANALYSIS

MR. ACKLEY

Motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony. *Four semester hours credit.*

Prerequisite: Music 7a, 7b.

Two hours, throughout the year.

13. ORCHESTRATION

MR. DANFELT

Transposing and arranging music for various instrumental groups. Creative work.

Two hours, one semester.

Two semester hours credit.

14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building. *Four semester hours credit.*

Two hours, throughout the year.

16. INSTRUMENTAL CONDUCTING

MR. DANFELT

Practical training in instrumental score reading and conducting.

Two hours, first semester.

Two semester hours credit.

18. ELEMENTARY METHODS

MISS KADEL

Materials and methods of teaching in the elementary grades. Psychology of presenting these materials to children. Study of the child voice and the development of good tone, rhythm, and a feeling for music. Music appreciation and classroom procedure. *Two semester hours credit.*

Two hours, first semester.

19. INTERMEDIATE METHODS**MISS KADEL**

Methods and materials used in the intermediate grades. Evaluation of materials and procedures. Study of choral group organization and training. Music appreciation and classroom procedure. *Two semester hours credit.*

Two hours, second semester.

20. HIGH SCHOOL METHODS**MISS KADEL**

The principles and procedures in teaching music in the junior and senior high schools. Emphasis on the study of the adolescent voice and its care, and on the methods and materials relative to the organization of various singing and playing ensembles. Evaluation of material, methods, and techniques.

Two hours, first semester.

*Two semester hours credit.***21. WOODWIND INSTRUMENT CLASS****MR. DANFELT**

The technique and tone control of woodwind instruments, using clarinet as basic instrument.. *Two semester hours credit.*

Two hours, throughout the year.

22. BRASS INSTRUMENT AND PERCUSSION CLASS**MR. DANFELT**

Instruction in the technique and principles of tone control in the brasses with trumpet or cornet as the basic instrument, and a practical study of all percussion instruments used in band and orchestra. *Two semester hours credit.*

Two hours, throughout the year.

23. STRINGED INSTRUMENT CLASS**MR. DANFELT**

A laboratory course for beginners in the organization and technique of stringed instruments instruction. *Two semester hours credit.*

Two hours, throughout the year.

25. STUDENT TEACHING

Student observation and teaching in cooperation with and under the supervision of experienced teachers. Discussions and individual conferences.

One semester.

Twelve semester hours credit.

Applied Music

The Music Department offers instruction in voice, piano, pipe organ, and the more common instruments. One semester hour credit is given for one half-hour private lesson per week.

The department also sponsors various musical organizations, including the choir, band and orchestra. All regular students are eligible to try out for any of these.

Auditions are held at the beginning of the school year, or at other times by appointment.

One semester hour credit is given per semester for membership in the choir or band upon the student's completion of four hours of course instruction in the Music Department exclusive of Music 1, 2, and 3.

No student may offer more than eight semester hours of applied music towards a Bachelor of Arts degree.

31. VOICE

Semester fee \$30

Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

33. PIANO

Semester fee \$30

Development of touch, technique, rhythm, expression and interpretation.

Repertoire adapted to ability of the student.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

33. PIPE ORGAN

Semester fee \$45

Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student.

One semester hour credit.

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

37. INSTRUMENTAL INSTRUCTION

Semester fee \$30

Available in most common instruments. Repertoire adapted to ability of the student.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

50. CHOIR

The choir is composed of approximately fifty-five singers of both sexes chosen by audition. The best of choral literature is studied intensively. In addition to appearances in nearby cities, a ten-day concert tour is taken each spring.

Five rehearsals weekly.

One semester hour credit.

55. BAND

Membership in the band, which is open to men and women alike, depends entirely on the individual's musical ability and interest. The band plays at athletic events, and during the second semester gives concerts on the campus and in nearby cities.

One semester hour credit.

Three rehearsals weekly.

Philosophy

Professor RICHARDSON and *Assistant Professors* H. LANGERHANS and SCHUBART

The courses in philosophy offer a study of the questions men have asked and the answers they have discovered for the major problems they have faced. An emphasis is placed on the methods of inquiry and on the relation of philosophy to the natural sciences, the social studies, and the humanities.

Course 1a or 3 is prerequisite for all others, unless permission is obtained from the department. Requirements for a major are 27 hours as chosen in consultation with the department. Bible 8 and 13, and Greek 7 and 13 may be included with permission of the department. Course 1, 3 or 4 may be used to fulfill the college distribution requirement.

1. INTRODUCTION TO PHILOSOPHY

MR. RICHARDSON

1a. APPROACHES TO PHILOSOPHY

The main approaches to philosophy: scientific, aesthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving the student both the tools and the motive for building his own philosophy of life.

Three hours, first semester.

Three semester hours credit.

1b. CONTEMPORARY WORLD PHILOSOPHIES

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied. *Three semester hours credit.*

Prerequisite: Philosophy 1a. Three hours, second semester.

3. LOGIC

MR. SCHUBART

3a. The principle of clarity in language and structure in thought, and their application.

Three semester hours credit.

Three hours, first semester.

3b. The principles involved in attaining reliable knowledge of any subject matter, with emphasis on the humanities and social sciences.

Three hours, second semester.

Three semester hours credit.

4a. HISTORY OF ETHICS

MR. SCHUBART

The most significant philosophies of ethics from the Greeks to the present.

Three hours, first semester.

Three semester hours credit.

4b. PRINCIPLES OF ETHICS

MR. SCHUBART

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems.

Three hours, second semester.

Three semester hours credit.

8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy. *Three semester hours credit.*

Three hours, first semester.

10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century. *Six semester hours credit.*

Three hours, throughout the year.

12. PHILOSOPHY OF RELIGION

MR. RICHARDSON

An historical and systematic study of our present religious beliefs.

Three hours, first semester.

Three semester hours credit.

17. MODERN PHILOSOPHY

MR. SCHUBART

The "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries.

Three hours, second semester.

Three semester hours credit.

18. THE PHILOSOPHY OF SCIENCE

MR. LANGERHANS

An historical survey of the world-pictures which have been offered by Greek, Renaissance, and contemporary science; and an analysis of the relations between science and ethical, aesthetic, and religious values. *Three semester hours credit.*

No prerequisite. Three hours, second semester. Alternates with course 19.
Not given 1956-57.

19. PHILOSOPHY OF HISTORY

MR. LANGERHANS

The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.

Two semester hours credit.

Two hours, second semester. Alternates with course 18.

20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers. *Three semester hours credit.*

Three hours, second semester.

Physics

Professor LONG, Assistant Professor MARA, Instructor DANIELS, Lecturer CORBIN, and Assistants

The Department of Physics offers courses of study (1) to introduce methods of objective thinking and laboratory experimentation, (2) to relate the principles of physics to the contemporary world and its problems, (3) to correlate the principles of physics with studies in mathematics, chemistry, biology, and related fields, and (4) to provide fundamental training for students who plan to do advanced work in graduate physics and engineering curricula.

Requirements for a major include a minimum of 32 hours in Physics, as approved by the adviser. The following courses must be satisfactorily passed: Physics 3, 5a, 8, and 14, Chemistry 1, and courses in Mathematics through Mathematics 9B.

1. GENERAL PHYSICS MESSRS. DANIELS, LONG, MARA, and Assistants

Introduction to the basic principles and phenomena of mechanics, heat, sound, electricity and magnetism, light, and modern physics. This course is designed to satisfy the needs of students not majoring in science.

Eight semester hours credit.

Prerequisite: College Entrance Algebra. One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

102. GENERAL PHYSICS MESSRS. LONG and MARA

Introduction to the fundamental laws of mechanics, heat, sound, electricity and magnetism, and light. Emphasis is placed on mathematical analysis and on applications through problems. For students majoring in sciences. Required of all 3-2 pre-engineering students.

Eight semester hours credit.

Prerequisites: Mathematics 2 or 5 (may be taken concurrently). Three class hours, and three laboratory hours, throughout the year.

2. ENGINEERING MECHANICS MR. DANIELS

The fundamental principles of statics and dynamics with emphasis on analysis and problem-solving operations. Required of all 3-2 pre-engineering students.

Six semester hours credit.

Prerequisites: Physics 102 and Mathematics 6. Three hours, throughout the year.

3. INTERMEDIATE PHYSICS AND LABORATORY MEASUREMENTS MR. LONG

Selected topics in mechanics, heat, sound, physical optics, electricity, and modern physics. Emphasis is placed on integration of theory with experimental technique.

Six semester hours credit.

Prerequisites: Physics 1 or 102 and Mathematics 6. The latter may be taken concurrently. Two class hours and three laboratory hours, throughout the year.

5a. ELECTRICITY AND MAGNETISM

MR. MARA

Electrical and magnetic properties of matter; thermal, chemical, and electromagnetic effects of the electric current; direct current circuits.

Three semester hours credit.

Prerequisites: Physics 102 or 3 and Mathematics 6. Three class hours, first semester.

6a. INTRODUCTORY ELECTRONICS

MR. DANIELS

Alternating current circuit analysis, thermionic emission, and principles of operation of electronic tubes.

Four semester hours credit

Prerequisites: Physics 102 or 3 and Mathematics 6. Three class hours and three laboratory hours, first semester.

6b. ADVANCED ELECTRONICS

MR. DANIELS

Principles of operation of electronic tube circuits with applications to radio and industrial research equipment.

Four semester hours credit.

Prerequisite: Physics 6a. Three class hours and three laboratory hours, second semester.

7a. MODERN PHYSICS

MR. LONG

Theory of atomic structure and spectra.

Three semester hours credit.

Prerequisites: Physics 102 or 3, Mathematics 6, and Mathematics 9A or 9B (may be taken concurrently). Three class hours, first semester.

7b. MODERN PHYSICS

MR. LONG

Theory of the basic particles, nuclear structure, and nuclear experimentation.

Three semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 6. It is recommended that Mathematics 9A or 9B be taken concurrently. Three class hours, second semester.

8. PHYSICAL MECHANICS

MR. MARA

Mechanics of particles, rigid bodies, and fluids. Study of oscillations and wave motion.

Three semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 6. Three class hours, first semester.

9. THEORETICAL PHYSICS

MR. MARA

Classical dynamics in particles, rigid bodies, and deformable bodies. Selected topics in hydrodynamics and thermodynamics.

Three semester hours credit.

Prerequisites: Physics 8, Mathematics 6, and Mathematics 9A or 9B (may be taken concurrently), and approval of instructor. Three class hours, second semester.

10. EXPERIMENTAL PHYSICS

MR. LONG

Individual laboratory projects in some area of physics according to the student's needs. *Semester hours credit as arranged.*

Prerequisite: Physics 3. Hours as arranged.

12b. DESCRIPTIVE ASTRONOMY

MR. DANIELS

General and descriptive astronomy. *Two semester hours credit.*

No prerequisite. Two class hours, second semester.*

13. HEAT AND THERMODYNAMICS

MR. MARA

Introduction to the concepts of heat and temperature, and of elementary thermodynamics. Applications to problems in heat and thermodynamics.

Three semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 6. Three class hours, second semester.

14. PHYSICAL OPTICS

MR. DANIELS

An intermediate course treating the subjects of reflection, refraction, prisms, lenses, diffraction, interference, resolving power, and polarization.

Three semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 6. Three class hours, second semester.

21. DESCRIPTIVE GEOMETRY

MR. CORBIN

The use and care of instruments, lettering, and the theory of projection drawing in preparation for solving engineering problems by projection and revolution of points, lines, and planes.

Two semester hours credit.

Required of all pre-engineering students. No prerequisites.

Six laboratory hours, first semester.

22. ENGINEERING DRAWING

MR. CORBIN

Intersections and developments, assembly and detail drawings, sections and dimensions.

Two semester hours credit.

Required of all pre-engineering students. Prerequisites: Physics 21 or approval of instructor.

Six laboratory hours, second semester.

* To be given if needed.

25. ACOUSTICS

Descriptive study of vibration and sound waves, and of simple vibrating systems.

Three semester hours credit.

No prerequisites. Three class hours, second semester.

This course is intended to satisfy the requirement of a course in acoustics for students taking the B.S. Degree in Music Education.

Political Science

Professor STOKES, Assistant Professors JARVIS, and JOHNSON

Requirements for a major include 24 semester hours. Political Science 1a and 1b are prerequisites for all courses in the department. With the adviser's approval, Philosophy 8 may be included in a Political Science major. All majors are required to take course 14 and either Economics 3A or 3.

1a. AMERICAN GOVERNMENT

STAFF

The American political system on the national level. Sophomore course.

Three hours, first semester.

Three semester hours credit.

Note: Students who require only three credits in Political Science should take 1a.

1b. STATE AND LOCAL GOVERNMENT

STAFF

American government on the state and local level. Sophomore course.

Three hours, second semester.

Three semester hours credit.

3. EUROPEAN GOVERNMENTS

MR. JOHNSON

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative, judicial, and party controls over government; controls to achieve administrative ends; administrative sanction and procedure. *Three semester hours credit.*

Sophomore and Junior course. Three hours, first semester.

4. CONSTITUTIONAL LAW

MR. JARVIS

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

Supplementary readings required.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

5. INTERNATIONAL LAW

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those

decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom.

Three semester hours credit.

Prerequisite: Economics 3, Political Science 1. Junior course. Three hours, second semester.

8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effecting the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions.

Three semester hours credit.

Junior course. Three hours, first semester.

9. INTERNATIONAL RELATIONS

MR. JOHNSON

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments.

Junior course. Three hours, first semester. *Three semester hours credit.*

11. AMERICAN POLITICAL THOUGHT

MR. JOHNSON

A survey of American political philosophy from colonial times to the present, as expressed in the writings, speeches, and activities of leading personalities in American politics.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

The contributions of the most important thinkers in political science from Plato to the present. Required for all majors. *Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

16. AMERICAN FOREIGN POLICY

MR. JOHNSON

This course is designed to acquaint the student with the current diplomatic problems which must be met by American foreign policy. Some attention will be given to an examination of the machinery and processes involved in policy

determination (emphasis on the Department of State, United Nations, and Congressional direction). *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

18. SENIOR SEMINAR

MR. JARVIS

This course is primarily designed to train the student in the use of research materials and is open only to seniors with a B average.

Three hours, second semester.

Three semester hours credit.

PUBLIC FINANCE

See Economics 19.

Psychology

Professor SMOKE, Assistant Professor SHAND, and Instructors EDDINS and HELMRICH*

Psychology 1 is a prerequisite for all other courses in the department. Requirements for a major include Psychology 1, 4, 10, and 12, and twelve additional hours, as approved by the department. Education 5 may be included. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 11.

Psychology majors are advised to take Psychology 3 or 6 immediately after Psychology 1, and to take Psychology 8 no later than their Junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

1. GENERAL PSYCHOLOGY

STAFF

Introductory survey of the facts and principles of psychology, including the study of human motivation, emotion, perception, thought, intelligence, and personality. Some attention is given to the application of psychology, especially in the solution of personal and social problems. *Three semester hours credit.*

Three hours, either semester.

2. BUSINESS AND INDUSTRIAL PSYCHOLOGY

MR. SHAND

Application of psychological principles and techniques to the study of problems in business and industry. *Three semester hours credit.*

Three hours, second semester.

3. SOCIAL PSYCHOLOGY

MR. SMOKE

Psychological study of human experience and behavior in social situations.

Three hours, second semester.

Three semester hours credit.

* Absent on leave 1954-1956.

4. HISTORY OF PSYCHOLOGY

MR. SHAND

Major developments in the history of psychology, with special attention to the rise of basic theoretical viewpoints. *Three semester hours credit.*

Open only to Juniors and Seniors.

Three hours, first semester.

5. APPLIED PSYCHOLOGY

Applications of psychology to such specific areas as market research, public opinion polling, guidance and counseling, criminology, and getting a job. Outside readings and reports in areas of student's special interests.

Three hours, first semester.

Three semester hours credit.

Not given 1956-1957.

6. MENTAL HYGIENE

MR. HELMRICH

Principles of personal adjustment and the use of these principles in everyday living. The understanding of one's self with respect to abilities, interests, attitudes, and traits of personality. *Three semester hours credit.*

Three hours, second semester.

7. PSYCHOLOGY OF PERSONALITY

MR. SMOKE

The nature of personality, together with the methods and results of its study.

Three hours, first semester.

Three semester hours credit.

8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. SHAND

A survey and scientific study of tests used to obtain knowledge of human motives, interests, attitudes, traits, special abilities, general intelligence, achievement, and life adjustment. *Three semester hours credit.*

Two class hours and two laboratory hours, first semester.

8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. SHAND

Tests for the study of special kinds of intelligence, specific types of maladjustment, and various processes measured by projective techniques.

Three semester hours credit.

Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.

9. CHILD AND ADOLESCENT PSYCHOLOGY

MR. HELMRICH

The growth and development of the child and adolescent, including such topics as learning, maturation, perceptual development, and social behavior. Some attention is given to the exceptional child. *Three semester hours credit.*

Three hours, first semester.

10. EXPERIMENTAL PSYCHOLOGY

MR. HELMRICH

Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings.

Three semester hours credit.

Open only to Juniors and Seniors who are majors in the Department.

One class hour and two two-hour laboratory periods, second semester.

11. ELEMENTARY STATISTICS AND OTHER METHODS OF RE-
SEARCH

MR. LANGERHANS

Statistical procedures in social research. Methods of research, particularly statistics, as used in the fields of psychology, sociology, and education. Analysis of some examples of social and psychological research.

Listed also as Sociology 11.

Three semester hours credit.

Three hours, first semester.

12. ADVANCED GENERAL PSYCHOLOGY

MR. HELMRICH

Motivation, perception, learning, and other topics in general psychology for advanced students.

Three semester hours credit.

Prerequisite: Twelve semester hours in Psychology.

Three hours, second semester.

13. INTRODUCTION TO CLINICAL PSYCHOLOGY

MR. SHAND

A survey of the field of clinical psychology, its problems, methods, and areas of application. Not a course in clinical practice.

Three semester hours credit.

Prerequisite: Six semester hours in Psychology.

Junior and Senior course. Three hours, second semester.

14. ABNORMAL PSYCHOLOGY

MR. SHAND

Abnormalities of personality and behavior in mentally handicapped, deviant, neurotic, and psychotic persons.

Three semester hours credit.

Prerequisite: Six semester hours in Psychology.

Three hours, second semester.

Not given 1956-1957.

15. SENIOR READING COURSE

MR. SMOKE

Supervised reading in psychology.

Semester hours as arranged.

Open only to Seniors who are majors in the department. Conference hours as arranged, first semester.

Reserve Officers Training Corps **(*Army and Air Force*)**

Gettysburg College participates in the National Security Program by offering to its students, in cooperation with the Armed Forces, the opportunity to enroll in one of the Reserve Officer Training programs. The purpose of the program is to provide trained reserve officers to meet the needs of the military services in the event of a national emergency. The training is conducted by members of the regular services through integrated courses in the classroom, leadership laboratories, seminars, and practical application. Adequate equipment, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc., are utilized for instructional purposes. The necessary textbooks and uniforms are provided by the Federal Government. Reserve Officer Training does not in any way interfere with the students' normal academic schedule.

Both the Army and the Air Force provide Reserve Officer Training facilities at Gettysburg College. Each training program is divided into two general courses—Basic and Advanced. The Basic Course, taken during the Freshman and Sophomore years, provides a general background for the Army or the Air Force. College credit is given for ROTC, which may be substituted for Physical Education credit.

The Army Reserve Officer Training Corps, commonly known as Army ROTC, is open to all physically qualified male students who are citizens of the United States. The Air Force Reserve Officer Training Corps, known as AFROTC, is open to both male and female students who meet the standards. AFROTC students must agree to take flight training upon receipt of their commissions in the USAF Reserve. At present there are no provisions to grant commissions to women who complete the AFROTC program.

Students who have successfully completed the Basic Course and have demonstrated a satisfactory degree of proficiency and leadership may enroll in the Advanced Course. Any student who has completed one year of honorable military service may, with the approval of the Department Head concerned, enroll in the Advanced Course at the beginning of his Junior Year of College. A Veteran's reserve commitment has not been altered when he accepts a commission upon graduation.

Students who enroll in the Advanced Course are provided with uniforms which are normally kept by the students after they have received a commission. In addition, advanced students are paid approximately \$535.00 during their two years of advanced study in the ROTC program. Between their Junior and Senior years, ROTC students attend, for approximately six weeks, a summer camp, which is devoted to practical application of the courses of instruction they have received during the previous three years in the classroom. Students are reimbursed for travel expenses to and from summer camp. While there they are provided with food and uniforms, and are paid at the rate of \$78.00 per month.

Under the General Military Science program, Army ROTC graduates may be commissioned in one of the many branches of the Army. The branch in which a student is to be commissioned is determined by his academic background, his individual desires, and the needs of the Army at the time he receives his commission. Those students who are outstanding and are designated Distinguished Military Students may apply for Regular Army Commissions. Top priority for flight train-

ing is given to graduates of the AFROTC. They receive a year's pilot training in officer status and may elect a second year of training in jet aircraft. During such training the salary is approximately \$500 per month for a married officer.

At present students participating in the Army ROTC and AFROTC programs may be deferred from induction under the Selective Service Act. To be deferred, a student must maintain a satisfactory academic average, must demonstrate that he possesses the qualities necessary to become an Army or Air Force Officer, and must agree to accept a Reserve or Regular Commission, if such a commission is offered. Army ROTC students must also agree to serve at least two years on active duty if called and to remain in the Reserves for six years. Those graduates who are excess to Active Force requirements will be given six months of active duty for training, following which they will remain in the Ready Reserve until the eighth anniversary of the receipt of their commissions. Air Force Students must agree to serve at least three years on active duty and to remain in the Reserves for five years. This does not apply to veterans since the veteran has already fulfilled his draft obligation.

It is the policy of Gettysburg College to maintain the Army and the Air Force ROTC at equal strength. This is done to enable each ROTC Department to meet quotas which may be established from time to time. However, every effort is made to assign students to the service of their choice at the time of admission to the ROTC program.

Military Science and Tactics

*Professor JONES, Assistant Professors ANDERSON, GRIDLEY, and PETERSON, and
Assistant Instructors DEBORDE, JACKSON, NAVICKAS, and MARKSBERRY*

Basic Course

1. BASIC COURSE, FRESHMAN

School of the soldier; American Military History; weapons and marksmanship.
Four semester hours credit.

Four periods, throughout the year (2 in the classroom, 2 in outdoor drill).

2. BASIC COURSE, SOPHOMORE

School of the soldier; crew-served weapons and gunnery; map and aerial photography reading.
Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

Advanced Course

3. ADVANCED COURSE, JUNIOR

Leadership, exercise of command; military teaching; organization, function and mission of the services; small unit tactics; communications and miscellaneous Military subjects.
Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Leadership, exercise of command; estimate of the situation; combat orders; command and staff; administration; military justice and boards; military intelligence; training management; the military team; troop movements; supply and evacuation; tactics of infantry battalion; motor transportation; service orientation; miscellaneous military subjects. *Six semester hours credit.*

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Air Science and Tactics

Professor WILLIAMS, Assistant Professors ANDREWS, HORNIG, TEUFEL, and ZARTMAN, and Assistant Instructors GIMPEL, LANE, McCASLIN, WALKER, and WARRINGTON

Basic Course

1. BASIC COURSE, FRESHMAN

Introduction to AFROTC; introduction to aviation; fundamentals of global geography; international tensions and security organizations; instruments of national military security; basic military training.

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

2. BASIC COURSE, SOPHOMORE

Elements of aerial warfare, consisting of introduction to targets, weapons, aircraft, the air ocean, the Air Force Base, and Air Force operations: careers in the United States Air Force; Leadership laboratory (Cadet non-commissioned officer training).

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

Advanced Course

3. ADVANCED COURSE, JUNIOR

The Air Force Commander and his staff; problem-solving techniques; communications process and Air Force correspondence; military law; Courts and Boards; applied air science-aircraft engineering, navigation, and weather; Air Force base functions; leadership laboratory. (Officer training).

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Principles of leadership and management (seminar); career guidance; military aspects of world political geography; military aviation and the art of war; briefing for commissioned service; leadership laboratory. (Officer training).

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Romance Languages

*Professor BACHMAN, Associate Professors FRANCO, HAMME, and HARTSHORNE,
Assistant Professor SANBORN, Instructors BARRIGA and LEHNBERGER*

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A Course; 30 semester hours are necessary for a teaching major.

Requirements for a teaching major or minor in French include courses 3 and 5.

Requirements for a major in Spanish include a reading knowledge of a second foreign language.

French Language

A. ELEMENTARY FRENCH

STAFF

Essentials of grammar; practice in composition, reading, and translation.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE FRENCH

STAFF

Grammar review and composition. Reading of selections from modern French authors.

Six semester hours credit.

Prerequisite: French A or its equivalent. Three hours, throughout the year.

3. ADVANCED FRENCH COMPOSITION AND CONVERSATION

MR. BACHMAN

Systematic study of French grammar including composition drill. Stress on free composition and oral expression.

Six semester hours credit.

Prerequisite: French 1. Three hours, throughout the year.

5. PRACTICAL PHONETICS

Practice in phonetic transcription and pronunciation. Laboratory course.

Not given 1956-1957.

Three semester hours credit.

6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and Spanish.

Three semester hours credit.

Three hours, second semester. Alternates with French 5.

7. OLD FRENCH LANGUAGE AND LITERATURE

MR. BACHMAN

The various *genres* of medieval French literature. *Two semester hours credit.*

Prerequisite: French 6. Two hours, second semester. Alternates with French 21.

9. EXPLICATION DE TEXTES

MR. BACHMAN

Designed for Seniors only. Conference hours as arranged, either semester.

Two hours, either semester.

*Two semester hours credit.***French Literature**

The following courses fulfill the one-year literature requirement.

11. SURVEY COURSE IN FRENCH LITERATURE

MR. SANBORN

A general survey of French literature from the Middle Ages to the 19th century.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850

MR. HARTSHORNE

Selections from poets and prose writers of the Romantic and Realistic movements.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 14.

Not given 1956-1957.

14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900

MR. HARTSHORNE

Selections from poets and prose writers of the Naturalistic and Symbolistic movements.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 13.

15. FRENCH LITERATURE OF THE 20TH CENTURY

MR. SANBORN

The more recent literary tendencies of France, with special reference to the national life and character.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Not given 1956-1957.

17. FRENCH LITERATURE OF THE 17TH CENTURY

MR. BACHMAN

French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 18.

18. FRENCH LITERATURE OF THE 18TH CENTURY Mr. BACHMAN

Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Alternates with French 17.

Three hours, throughout the year.

Not given 1956-1957.

French Civilization, Methods, Seminar

21. HISTORY OF FRENCH CIVILIZATION Mr. BACHMAN

A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe.

Three semester hours credit.

No language requirements. Three hours, second semester.

Not given 1956-1957.

23. METHODS OF TEACHING FRENCH Mr. BACHMAN

Lesson planning in conjunction with grammar review; discussion concerning the cultural material to be used; selection of suitable texts.

Open only to Juniors and Seniors who expect to teach and who have been recommended by the department head.

Three semester hours credit.

Three hours, first semester. Given only in alternate years.

25. THESIS IN FRENCH STAFF

Open only to Seniors who are members of Phi Sigma Iota.

Conference hours as arranged, either semester. *Two semester hours credit.*

Spanish Language

A. ELEMENTARY SPANISH STAFF

Fundamentals of grammar and reading.

Six semester hours credit.

Three hours, throughout the year.

1. INTERMEDIATE SPANISH STAFF

Review of Spanish grammar, conversation, translation, and composition.

Six semester hours credit.

Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.

2. ADVANCED COMPOSITION AND CONVERSATION **MR. FRANCO**

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations.

Six semester hours credit.

Prerequisite: Spanish 1 or its equivalent. Three hours, throughout the year.

19. SPANISH PHONETICS **MR. FRANCO**

Elements of Spanish phonetics. Laboratory and oral practice.

Three hours, second semester.

Three semester hours credit.

Spanish Literature

Courses 10 through 18 fulfill the one-year literature requirement. Prerequisite: Spanish 1 or its equivalent.

10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE) **MR. FRANCO**

The development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selection from some of the most outstanding authors of each period.

Three hours, throughout the year.

Six semester hours credit.

11. SPANISH-AMERICAN LITERATURE **MR. BARRIGA**

A survey course with emphasis on poetry and the novel.

Three hours, throughout the year.

Six semester hours credit.

12. NINETEENTH CENTURY SPANISH DRAMA **MR. HAMME**

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda.

Six semester hours credit.

Three hours, throughout the year.

Not given 1956-1957.

13. NINETEENTH CENTURY SPANISH NOVEL **MR. FRANCO**

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

Three hours, throughout the year.

Six semester hours credit.

Not given 1956-1957.

14. CONTEMPORARY SPANISH NOVEL **MR. HAMME**

Reading and study of novels beginning with the Generation of '98.

Three hours, throughout the year.

Six semester hours credit.

Prerequisite: Spanish 1 or its equivalent.

Not given 1956-1957.

15. CONTEMPORARY SPANISH DRAMA

MR. FRANCO

Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898. *Six semester hours credit.*

Three hours, throughout the year.

16. NOVELA DEL SIGLO DE ORO

MR. HAMME

La novela picaresca and *Don Quijote*.

Six semester hours credit.

Three hours, throughout the year.

17. TEATRO DEL SIGLO DE ORO

MR. FRANCO

Lope de Vega and other dramatists of the Siglo de Oro.

Three hours, throughout the year.

Six semester hours credit.

18. SPANISH-AMERICAN CULTURE AND PROBLEMS

MR. FRANCO

Social, economic, and political problems of Spanish America. Study and interpretation of contemporary Latin American essays.

Three hours, throughout the year.

Six semester hours credit.

Not given 1956-1957.

Spanish Civilization, Methods, Seminar

21. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. FRANCO

Technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice. *Three semester hours credit.*

For teaching majors. Hours as arranged.

Three hours, first semester.

Not given 1956-1957.

22. THESIS IN SPANISH

MESSRS. FRANCO and HAMME

Research and outlining. Individual conferences.

Two semester hours credit.

Prerequisite: Any course from the group 10-21.

Two hours either semester. Conference hours as arranged.

Sociology

Professors BLOSS, Assistant Professors H. LANGERHANS and SCHUBART

Requirements for a major include Sociology 1, 2, 10 and 11 and twelve additional semester hours in Sociology as approved by the department. Students looking forward to Social Work must take Sociology 3 and 9.

Sociology 1 is prerequisite to all other courses except in special cases approved by the department.

1. PRINCIPLES OF SOCIOLOGY

MISS BLOSS and MR. LANGERHANS

Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.

Three semester hours credit.

Three hours, either semester.

2. CULTURAL ANTHROPOLOGY

MISS BLOSS and MR. LANGERHANS

Interrelation of the individual, society, and culture. Analysis of diverse cultures with reference to their institutions, value systems, and behavior patterns.

Three hours, second semester.

Three semester hours credit.

3. INTRODUCTION TO SOCIAL WORK

MISS BLOSS

Development and organization of modern social services under public and private auspices. Basic processes of social case work, group work and community organization.

Three semester hours credit.

Three hours, first semester.

4. FIELD WORK EXPERIENCE

MISS BLOSS

Current trends in the philosophy and practice of social work. Two hours seminar one day each week plus field work for one-half day per week in approved social agencies offering supervision.

Three semester hours credit.

Senior course. Three hours, second semester.

5. MARRIAGE AND THE FAMILY

MR. SCHUBART

Personality and human relations in marriage and the family. A survey of the effect of contemporary American culture on the concept and functions of marriage and the family.

Three semester hours credit.

Three hours, first semester.

7. AMERICAN SOCIETY: URBAN AND RURAL PATTERNS

MISS BLOSS

Rural-urban trends and their significance. Problems arising from the urbanization and industrialization of American society.

Three hours, second semester.

Three semester hours credit.

8. MASS COMMUNICATION

MR. LANGERHANS

Relationship of public opinion to social control and collective behavior. Special attention given to the various media of mass communication such as the newspaper, radio, motion picture and to the problems of monopoly, propaganda and freedom.

Three semester hours credit.

Three hours, first semester.

9. SOCIAL LEGISLATION

Miss Bloss

The changing philosophy of Government to meet the needs of modern industrial civilization; special attention given to present day social welfare policies and programs at the federal, state and local levels. *Three semester hours credit.*

Three hours, second semester.

10. SOCIAL THEORY

Mr. Langerhans

Causality and field-theory in the social sciences. The contributions of Durkheim, Pareto and Weber to social theory. Recent trends in American sociology.

Three hours, second semester.

Three semester hours credit.

11. ELEMENTARY STATISTICS AND OTHER METHODS OF RESEARCH

Mr. Langerhans

Statistical procedures in social research. Methods of research, particularly statistics, as used in the fields of psychology, sociology, and education. Analysis of some examples of social and psychological research.

Three hours, first semester.

Three semester hours credit.

12. SOCIAL MOVEMENTS

Mr. Langerhans

The dynamics of social movements. Organizational forms and ideologies. Background of bolshevism, fascism and national socialism.

Three hours, first semester.

Three semester hours credit.

13. CRIMINOLOGY

Miss Bloss

Analysis of the social, cultural and psychological factors involved in the development of the criminal; evaluation of our present system of criminal justice; trends and future objectives. *Three semester hours credit.*

Three hours, first semester.

14. AMERICAN CULTURE

Mr. Schubart

The growth of some major institutions and intellectual traditions which have contributed to the formation of the American ideology.

Three hours, second semester.

Three semester hours credit.

15. INDUSTRIAL SOCIOLOGY

Miss Bloss

The industrial plant as a complex social organization; the functional relationships between industrial production and other aspects of societal organization.

Three hours, second semester.

Three semester hours credit.

16. AMERICAN MINORITY GROUPS

MR. LANGERHANS

A history of American minority groups, their special problems and their place in American society. Sociology and social psychological theories will be stressed.

Three semester hours credit.

Three hours, second semester.

Spanish

(See Romance Languages)

Speech

(See English)

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The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

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 Newman, Terry, *Phy.*, Hanover, Pa.
 Nonas, Paul J., *Bio.*, Leonia, N. J.

Oblinger, C. Robert, Jr., *Chem.*, Harrisburg, Pa.
 O'Brien, James L., *Bus. Ad.*, Jackson Heights, N. Y.

Odell, Donald, *Bus. Ad.*, New Rochelle, N. Y.

Olsen, Arloe R., Jr., *Econ.*, Claymont, Del.
 Olsen, Robert A., *Math.*, Fairmont, W. Va.
 O'Neill, Lyman H., *Hist.*, Fords, N. J.

Patchell, Malcolm P., *Pre-Eng.*, Fairless Hills, Pa.

Paul, Ronald L., *Psy.*, Harrisburg, Pa.

Paull, M. Benson, *Waynesboro*, Pa.

Payne, Herbert M., Jr., *P.S.*, Ellicott City, Md.

Pennington, Richard A., *Bus. Ad.*, Gettysburg, Pa.

Peters, Kenneth W., *Beaver Springs*, Pa.

Phildius, Robert T., Jr., *P.S.*, Baldwin, N. Y.

Philson, Robert M., *Hist.*, Meyersdale, Pa.

Pierson, Orlice A., *P.E.*, Morrisville, Pa.

Plank, Walter E., *Bib.*, Newburg, Pa.

Pratt, Robert M., *Bus. Ad.*, Madison, Conn.

Prevost, Jules F., Jr., *Radnor*, Pa.

Price, Robert B., II, *Drexel Hill*, Pa.

Pritts, Linda M., *Oakland*, Md.

Pushkar, Matthew A., *Pittsburgh*, Pa.

Putman, Kathryn I., *Eng.*, Harrisburg, Pa.

Rabenstine, Richard B., *Pre-Eng.*, Hanover, Pa.

Ramsdell, Ronnie R., *Chem.*, Wynnwood, Pa.

Reed, Carol R., *Hist.*, Baltimore, Md.

Reeser, David L., *Psy.*, Wyomissing, Pa.

Reich, Ira M., *Bio.*, Hillside, N. J.

Reihart, Donald L., *Hist.*, York, Pa.

Reinert, John C., *Bus. Ad.*, Collingswood, N. J.

Reiter, David C., *Bus. Ad.*, Pitman, N. J.

Rentschler, Gretchen, *Bio.*, Athens, Pa.

Rhoads, George A., Jr., *Econ.*, Camp Hill, Pa.

Rhoads, Jerry L., *Bus. Ad.*, Selinsgrove, Pa.

Richards, Noel J., *Bio.*, Havertown, Pa.

Richardson, George E., Jr., *Fair Lawn*, N. J.

Richmond, Heather S., *Econ.*, Upper Darby, Pa.

Risley, Kathryn J., *Hist.*, Lafayette Hill, Pa.

Rodenhauser, Paul C., *Columbia*, Pa.

Rowan, Edward T., *New York*, N. Y.

Roy, Richard P., *Gettysburg*, Pa.

Royer, Richard S., *Lynchburg*, Va.

Rufe, Dorothy M., *Psy.*, Binghamton, N. Y.

Ruof, Marilyn V., *Lancaster*, Pa.

Ruyle, Clayton, *Bus. Ad.*, Maseapequa, N. Y.

Salberg, David L., *Penns Grove*, N. J.

- Sankey, John W., Jr., *Pitman, N. J.*
 Sarmad, Farrokh, *Tehran, Iran*
 Schadt, Daniel A., *Bethlehem, Pa.*
 Schaeffer, Margaret K., *Mus., Vandergrift, Pa.*
 Schaeffer, Thomas R., *Bio., Yardley, Pa.*
 Schallick, Marilyn M., *P.E., Elmer, N. J.*
 Scheck, Nancy M., *Chem., New Rochelle, N. Y.*
 Schneider, Sara J., *Psy., Springfield, Ohio.*
 Schoenborn, Carl, *Bus. Ad., Gloucester, N. J.*
 Schroeder, Hugo W., Jr., *Eng., Baltimore, Md.*
 Schulz, Philip H., *Math., Marion, Va.*
 Scott, Ronald S., *Bus. Ad., Lansdowne, Pa.*
 Seadale, Vincent A., *Bio., Brooklyn, N. Y.*
 Searles, Duane L., *P.S., Easton, Pa.*
 Sebring, Thomas L., *Econ., Fanwood, N. J.*
 Seebach, J. Arthur, Jr., *Merion Station, Pa.*
 Sellers, Donald E., *Pre-Eng., Harrisburg, Pa.*
 Sepulveda, Robert, *P.E., Arendtsville, Pa.*
 Seufert, Gary L., *Chem., Nutley, N. J.*
 Severe, David, *Baltimore, Md.*
 Shallock, John, *Fords, N. J.*
 Sheaffer, Ralph W., *Bus. Ad., Table Rock, Pa.*
 Sheddy, Barbara J., *Haddonfield, N. J.*
 Sheffer, Dianne, *Watsonstown, Pa.*
 Shelly, David, *Hist., Doylestown, Pa.*
 Shirk, Sally A., *Psy., Wyomissing, Pa.*
 Shockley, Floyd K., *Bio., Merchantville, N. J.*
 Silvetti, Mario D., *Bio., Berwick, Pa.*
 Simpson, M. Richard, *Chem., Baltimore, Md.*
 Sinclair, Thomas A., *Philadelphia, Pa.*
 Sinnott, Margaret Y., *Baltimore, Md.*
 Sinnott, Peter B., *Hist., Green Harbor, Mass.*
 Skare, Elsa S., *Soc., Ardsley, Pa.*
 Smith, Donald B. J., *Garden City, N. Y.*
 Smith, Harry B., *Bio., San Turce, Puerto Rico.*
 Smith, Richard H., *P.E., Baldwin, N. Y.*
 Smith, Robert D., *Holtwood, Pa.*
 Smith, Ronald W., *Bus. Ad., Springdale, Conn.*
 Smoot, John, *Telford, Pa.*
 Snowman, Paul A., III, *Glen Ridge, N. J.*
 Snyder, Wallace H., *Groton, Conn.*
 Soistmann, Theodore L., Jr., *Woodstown, N. J.*
 Spencer, Alvie G., Jr., *Patapsco, Md.*
 Spofford, Beatrice L., *Dolgeville, N. Y.*
 Stadler, Frank, *Bio., Enhaut, Pa.*
 Stahl, Paul J., Jr., *Econ., Huntingdon Valley, Pa.*
 Steger, Joseph A., *Eng., Sharon Hill, Pa.*
 Stein, Charles H., *Psy., Wilkes-Barre, Pa.*
 Steinbaugh, Susan, *Valley Stream, N. Y.*
 Stevenson, Richard H., *Bio., Maplewood, N. J.*
 Stewart, Richard W., *Bus. Ad., Pennsauken, N. J.*
 Stratton, Preston, III, *Bib., Aldan, Pa.*
 Stravolo, Joseph R., *Chem., Chambersburg, Pa.*
 Streb, Frederic W., *Bus. Ad., Hastings-on-Hudson, N. Y.*
 Streng, Ann M., *Econ., Amsterdam, N. Y.*
 Strobel, C. John, *Hist., White Plains, N. Y.*
 Sturm, Stacey L., *Takoma Park, Md.*
 Sweet, George W., II, *Bus. Ad., Rose Valley, Pa.*
 Swisher, William R., Jr., *Hist., Gettysburg, Pa.*
 Taggart, Robert D., *Bus. Ad., Maplewood, N. J.*
 Talbott, Kathryn E., *Psy., Baltimore, Md.*
 Taylor, Chadyeane E., *Psy., Lebanon, Pa.*
 Thompson, John C., *Pre-Eng., Kingston, N. Y.*
 Tracy, George F., Jr., *Bio., Margate, N. J.*
 Trimmell, John A., *Bio., Franklinville, N. J.*
 Umbenhauer, Milton W., *P.S., Shillington, Pa.*
 Unger, Richard L., *Biglerville, Pa.*
 Vail, Edgar W., *Plainfield, N. J.*
 Van Eetten, Lawrence R., *Pre-Eng., Kingston, N. Y.*
 Vaniel, Beverly, *Bus. Ad., Duquesne, Pa.*
 Van Lowe, Carl R., Jr., *Psy., Silver Spring, Md.*
 Van Ormer, Henry P., Jr., *Chem., Shellsburg, Pa.*
 Venturini, Ronald A., *Bus. Ad., Boonton, N. J.*
 Wagner, Nancy E., *Norristown, Pa.*
 Wagner, Phyllis, *Lancaster, Pa.*
 Wahaus, Nancy A., *Bio., Baltimore, Md.*
 Walker, David C., *Econ., Fanwood, N. J.*
 Wallace, David R., *Bus. Ad., Erie, Pa.*
 Walters, Ronald F., *Pre-Eng., Harrisburg, Pa.*
 Walters, William H., *Hist., Glenside, Pa.*
 Wampler, Norman A., *P.S., York, Pa.*
 Warfel, Francis D., *P.E., Lancaster, Pa.*
 Watkins, Robert W., Jr., *Bus. Ad., Baltimore, Md.*
 Weisenbach, Edward J., Jr., *Pre-Eng., Farmingdale, N. J.*
 Wenzke, John J., *Phil., Lock Haven, Pa.*
 Wetzel, Donald G., *Rochester, N. Y.*
 Wheeler, Norman F., Jr., *Collinsville, Conn.*
 Whitsel, Barry L., *Mount Union, Pa.*
 Williams, H. Carleton, Jr., *Norristown, Pa.*
 Wilson, John H., *Bio., West Orange, N. J.*
 Winemiller, Louis R., *P.S., Hyattsville, Md.*
 Wingfield, Charles D., *Bio., Washington, D. C.*
 Wires, Willard H., *Haworth, N. J.*
 Wolf, Robert B., *Oaklyn, N. J.*
 Wolfe, H. Elaine, *Bus. Ad., Gettysburg, Pa.*
 Wolff, Sandra L., *Gettysburg, Pa.*
 Woodward, David A., *Bio., Brooklyn, N. Y.*
 Worrall, Thomas B., *Kennett Square, Pa.*
 Yasuda, Stanley M., *Bus. Ad., Bronxville, N. Y.*
 Yohn, John D., *P.E., Palmyra, Pa.*
 Youse, Carol H., *Bib., Lebanon, Pa.*
 Zapf, Nelson E., *Mus., Cumberland, Md.*
 Zentmyer, Jo Ann, *Hist., Harrisburg, Pa.*
 Zinn, Reuel H., *Pre-Eng., Hanover, Pa.*

Students Attending the 1955 Summer Session

Abernathy, John, *Nottingham, Pa.*
 Adams, Raymond, *Trenton, N. J.*
 Albright, Madeline, *Upper Darby, Pa.*
 Alleman, Sarah, *Hanover, Pa.*
 Alleva, Frederic, *Norristown, Pa.*
 Antonell, Walter, *Teaneck, N. J.*
 Armstrong, Joan, *Gettysburg, Pa.*
 Arndt, Richard, *Gettysburg, Pa.*
 Arnold, Elizabeth, *Harrisburg, Pa.*
 Attig, Barry, *York, Pa.*
 Ayres, Richard, *Wilmington, Del.*

Baker, Charles, *Gettysburg, Pa.*
 Barnes, Mrs. E. J., *Gettysburg, Pa.*
 Barrick, Harry, Jr., *Woodsboro, Md.*
 Basehore, John, *Gettysburg, Pa.*
 Berg, Eleanor, *Hanover, Pa.*
 Best, John, W. *Englewood, N. J.*
 Betskoff, Merle, *Collingswood, N. J.*
 Bettini, Mercita, *Philadelphia, Pa.*
 Black, Norman, *Brooklyn, N. Y.*
 Blankenstein, Walter, *York, Pa.*
 Bollinger, Shirley, *Hanover, Pa.*
 Bowers, Jane, *Littlestown, Pa.*
 Bowling, Clifford, *Littlestown, Pa.*
 Brandt, Arnold, *Harrisburg, Pa.*
 Brown, Jay, *Gettysburg, Pa.*
 Brown, Ross, *Verona, N. J.*
 Buggeln, John, *Long Island City, N. Y.*
 Burns, Hugh, *Westbury, L. I., N. Y.*
 Bushey, Delton, *Harrisburg, Pa.*

Carter, William, *Reda, Pa.*
 Collins, Paul, *Upper Montclair, N. J.*
 Cooke, Edward, *Ridgewood, N. J.*
 Cooper, Joseph, *Bausman, Pa.*
 Cooper, Edward, *Brooklyn, N. Y.*
 Cornell, LeRoy, *Valley Stream, N. Y.*
 Crum, Gary, *Biglerville, Pa.*

Davis, Frances, *Wyalusing, Pa.*
 Deardorff, Joanne, *Gettysburg, Pa.*
 Deardorff, William, Jr., *Chambersburg, Pa.*
 Deetz, Barbara, *Philadelphia, Pa.*
 Deibert, Donna, *Towson 4, Md.*
 Delgadillo, Jaime, *Bogota, Colombia.*
 Densmore, Ralph, *Baltimore, Md.*
 Detwiler, Paul, *Bedford, Pa.*
 Dieck, Robert, *Sunbury, Pa.*
 Dudley, John, *Pitman, N. J.*
 Dunbar, Anne, *Hershey, Pa.*

Eckert, Jean, *Baltimore, Md.*
 Ehrhart, Frieda, *York, Pa.*
 Einwaechter, William, *Baltimore, Md.*

Falk, Leonard, *Iron Springs, Pa.*
 Feeaman, Mary, *Gettysburg, Pa.*
 Fesenmyer, Delevan, *Bradford, Pa.*
 Petrow, David, *Mechanicsburg, Pa.*
 Fetterhoff, Urban, *Mechanicsburg, Pa.*
 Feters, Claude, *Altoona, Pa.*
 Fidler, Dorothy, *Gettysburg, Pa.*
 Fischetti, Frank, *Brooklyn, N. Y.*
 FitzPatrick, Richard, *Wethersfield, Conn.*
 Fohl, Dale, Jr., *Harrisburg, Pa.*
 Frankfurter, Anthony, *New York, N. Y.*
 Frankouser, Wayne, *Bradford, Pa.*
 Franz, Robert, *Philadelphia, Pa.*
 Fries, Beverly, *Mt. Wolf, Pa.*
 Fuss, John, *Emmitsburg, Md.*

Galbraith, Charles, *Waynesboro, Pa.*
 Graybill, David, *York, Pa.*

Grimm, Clyde, *York, Pa.*
 Groshans, Phyllis, *Baltimore, Md.*
 Grove, Floyd, *New York, N. Y.*

Hamilton, Noel, *Curwensville, Pa.*
 Hamlin, Jay, *Fairfield, Pa.*
 Hamm, Robert, *Hanover, Pa.*
 Hamme, Lloyd, Jr., *Hanover, Pa.*
 Hartong, Mark, *Beaver, Pa.*
 Hearne, Mrs. Margaret, *Blue Ridge Summit, Pa.*
 Heefner, Wilson, *Waynesboro, Pa.*
 Hemler, Dale, *Hanover, Pa.*
 Hendrickson, Bruce, *Gettysburg, Pa.*
 Hetrick, David, *Harrisburg, Pa.*
 Hobaugh, Robert, *Gettysburg, Pa.*
 Hoffman, Barbara, *New York, N. Y.*
 Hoffman, Harold, Jr., *Hagerstown, Md.*
 Hoffman, Paul, *Harrisburg, Pa.*
 Hofford, Donald, *York, Pa.*
 Houck, David, *Arendtsville, Pa.*
 Houser, John, *Gettysburg, Pa.*
 Husbands, Nancy, *Rahway, N. J.*
 Hutchinson, David, *Gettysburg, Pa.*

Ihle, Bruce, *Cranford, N. J.*
 Innes, Edward, *Alden, Pa.*

Jensen, Carl, Jr., *Verona, N. J.*
 Jerrett, Betty, *York, Pa.*
 Johnson, Elmer, *Gettysburg, Pa.*
 Joslyn, John, *Syracuse, N. Y.*

Kauffmann, Glenn, *Gettysburg, Pa.*
 Kessler, Carl, *Yeadon, Pa.*
 Klein, Louis, *Harrisburg, Pa.*
 Kleinfelter, Donald, *Middletown, Pa.*
 Klock, Mary, *Orrianna, Pa.*
 Klupt, Eugene, *Baltimore, Md.*
 Knol, Claude, Jr., *Harrisburg, Pa.*
 Koons, Charles, *York Springs, Pa.*
 Kost, Lewis, *Norristown, Pa.*
 Kroncke, Noel, *Bethesda, Md.*

Lantz, Philip, *West Fairview, Pa.*
 Larson, Paul, *Bethlehem, Pa.*
 Lauffenberger, Robert, *Audubon, N. J.*
 Laweck, Roman, *Sarver, Pa.*
 Lawyer, Barbara, *Westminster, Md.*
 Lehn, Judith, *Woodbury, N. J.*
 Lewis, Charles, *McKeesport, Pa.*
 Lighter, Susan, *Gettysburg, Pa.*
 Long, Robert, *Uniontown, Pa.*
 Longanacre, James, *Poughkeepsie, N. Y.*
 Louden, Mary, *Gettysburg, Pa.*
 Lovejoy, Owen, *Jacksonville, Fla.*

McConnell, Stephen, *Philadelphia, Pa.*
 McLaughlin, Frank, *Valley Stream, N. Y.*
 Mahtani, Pushpa, *Medan, Indonesia.*
 Malsy, Frank, *Hasbrouck Heights, N. J.*
 Mann, Robert, *Cumberland, Md.*
 Metzger, Charles, Jr., *Pennington, N. J.*
 Millar, Fred, *New Oxford, Pa.*
 Mitchell, Gareth, *Springdale, Pa.*
 Montague, Robert, *Washington, D. C.*
 Montgomery, Paul, *New Castle, Pa.*
 Mudd, Samuel, *Gettysburg, Pa.*
 Myers, Margaret, *Hagerstown, Md.*
 Myers, William, *Hagerstown, Md.*

Natale, Anthony, *Harrisburg, Pa.*
 Naus, Kathleen, *Pemsaiken, N. J.*
 Neal, Robert, *Taneytown, Md.*

Niebler, David, *Gettysburg, Pa.*
Nusbaum, Audrey, *Harrisburg, Pa.*

Ober, Robert, *Sancook, N. H.*

Pannell, Allen, *Gettysburg, Pa.*
Parquette, Margaret, *Haverford, Pa.*
Peiren, Clement, *Harrisburg, Pa.*
Pennington, Phelps, *Gettysburg, Pa.*
Penniman, Glenn, Jr., *Fort Bragg, N. C.*
Philson, John, *Jennerstown, Pa.*
Pieper, Bruce, *Corry, Pa.*
Pingatore, Abbie, *Long Branch, N. J.*
Purdy, Jon, *Lansdowne, Pa.*

Rabenstine, Dean, *Hanover, Pa.*
Ramsey, Jack, *Harrisburg, Pa.*
Reaver, Alma, *Littlestown, Pa.*
Register, Robert, *Princeton, Ill.*
Reid, Walton, *Cynwyd, Pa.*
Rein, Leonard, *Philadelphia, Pa.*
Reindollar, Dolores, *Littlestown, Pa.*
Renner, Mrs. Helen, *Littlestown, Pa.*
Robertson, Bruce, *Moorestown, N. J.*
Roth, James, *Middletown, Pa.*
Routsong, Mrs. Marjorie, *Gettysburg, Pa.*
Ruby, Samuel, *Johnstown, Pa.*
Rudisill, Patricia, *Hanover, Pa.*

Sachs, Jan, *Emmaus, Pa.*
Schmid, John, *Brooklyn, N. Y.*
Schmidt, John, *Harrisburg, Pa.*
Schue, Mrs. Elizabeth, *Hanover, Pa.*
Seidman, Jerry, *Newburgh, N. Y.*
Shaffer, Charles, Jr., *Carlisle, Pa.*
Shaffer, Earl, *York, Pa.*
Shaffer, Warren, Jr., *Hooversville, Pa.*
Shealer, Gerald, *Gettysburg, Pa.*
Shetler, Richard, *Jenkintown, Pa.*
Shettle, Clinton, *Baltimore 29, Md.*
Shiver, Gordon, *Philadelphia, Pa.*
Shoemaker, Richard, *Thomasville, Pa.*
Sholly, Lee, *Myerstown, Pa.*
Shuff, Rodney, *Gettysburg, Pa.*
Silberman, Jack, *Annaville, Pa.*
Simon, Suzanne, *York, Pa.*
Smith, Charles, *Norristown, Pa.*

Smith, Curvin, *York Springs, Pa.*
Smith, Mitzi, *Mont Alto, Pa.*
Smith, Robert, *Berwick, Pa.*
Snyder, Alice, *Gettysburg, Pa.*
Snyder, William, *Fawn Grove, Pa.*
Spoerl, George, Jr., *Cumberland, Md.*
Sprenkle, Donald, *Hallam, Pa.*
Spertzel, Richard, *Gardners, Pa.*
Stahle, Anna, *Gettysburg, Pa.*
Stark, Robert, *Short Hills, N. J.*
Staub, George, *Gettysburg, Pa.*
Staub, Ronald, *Hanover, Pa.*
Stoner, Patricia, *Mercersburg, Pa.*
Strayer, Marlene, *Dillsburg, Pa.*
Strazzella, Henry, *Hanover, Pa.*
Streeter, Robert, *W. Hyattsville, Md.*
Stroehmann, Frederick, *Williamsport, Pa.*
Suloff, Nelson, *Gettysburg, Pa.*
Surasky, David, *Baltimore, Md.*

Thompson, Lawrence, *Camp Hill, Pa.*
Toggas, Samuel, *York, Pa.*
Trimmer, Jacob, *Carlisle, Pa.*

Urban, George, *Collingswood, N. J.*

Vidi, Bart, *Westminster, Md.*

Wagner, Richard, *Fayetteville, Pa.*
Wallace, George, *Waynesboro, Pa.*
Wascou, Robert, *Lancaster, Pa.*
Way, John, *Hanover, Pa.*
Weber, Jeanne, *Gettysburg, Pa.*
Weiser, Frederick, *Glen Ellyn, Ill.*
Wentz, Susan, *Hanover, Pa.*
Wenzell, George, *Daytona Beach, Fla.*
Wert, Beula, *Basking Ridge, N. J.*
Wilbur, Herbert, Jr., *Adamstown, Md.*
Williams, Donald, *Gettysburg, Pa.*
Woodhall, Kenneth, *Arendtsville, Pa.*
Worts, Alfred, *West Englewood, N. J.*
Wright, George, *Summit, N. J.*
Wright, Margaret, *Biglerville, Pa.*
Wyckoff, Craig, *W. Orange, N. J.*

Ziegler, Suzanne, *Gettysburg, Pa.*

Special Students

Mary Albaugh
Robert Bixler
Helen Bollinger
Carol Decker
Walter Dohrmann
Robert Elcholtz
Donald Faust
Patricia Frey
Florence Higgins
David Houck
Marlin Lauver
James Lentz
Richard Little, Jr.
Mrs. Robert Menchey
Patricia Moore

Robert Morrison
Robert Roberts
Gene Sechrist
Mrs. C. Kathryn Seitz
Elizabeth Sheffer
Curvin Smith
Hubert Smith
Charlotte Swope
Jeanne Weber
Kitty Wenschhof
Jeanne Wierman
Donald G. Williams
Paul Wilt
Crawford Witherow
Margaret Wright

Summary

Students in College First Semester 1955-56

	MEN	WOMEN	TOTAL
Seniors	228	48	276
Juniors	227	72	299
Sophomores ..	270	105	375
Freshmen ...	334	89	423
Special	16	14	30
	<u>1,075</u>	<u>328</u>	<u>1,403</u>

Geographical Distribution of Students

STATE	STUDENTS
Pennsylvania	777
New Jersey	253
New York	152
Maryland	135
Virginia	10
Washington, D. C.	13
Connecticut	14
Other States	49

Commencement 1955

June 5

Commencement Speaker

John Gunther

Bachelor of Arts

Summa Cum Laude

- Phyllis Eleanor Berger
- *Edith Clare Mumper
- Francis Vincent Scalzi
- **Patricia Crane Segner

Magna Cum Laude

- Alice May Davis
- Martin Luther Fackler, Jr.
- Cynthia Alma Frolen
- Joseph Samuel Georgiana
- James Thomas Howard, Jr.
- Edward Alf Livingston
- Robert Frank Matthias
- Colin Franklin Neuhaus
- Clara Jane Rogers
- *Henrietta Wilhelmina Velecky
- Edward Webster

Cum Laude

- Henry Emmanuel Clare
- Eleanor Danker Clarke
- *Elizabeth Ann Coulson
- Donald Jean Ely
- Eugene Frederick Irschick
- Roy Pius Stonesifer, Jr.

Rite

- Raymond Edward Adams
- Ronald Samuel Alexander
- Barbara Ruth Alling
- Glenn Harry Alspach
- Edward Marshall Anderson
- Richard Knowlton Ansel
- Donald Curtis Atkinson
- John Domenico Augustine
- Richard Carl Baker
- Milton Conroy Barber, Jr.
- Leo Bardenheuer
- Henry John Bargmann
- John Charles William Bauersfeld
- Robert Hart Beaver
- Carl Eugene Beck
- Joan Marie Beck
- Richard Paul Beimler
- Barbara Anne Berger
- Frank Herbert Betz, III
- Barbara Mary Black
- Margaret Lucille Reed Bloom
- *Kurt Guenther Blunck
- †Sheldon Joseph Bohen

- *Donald McDowell Bohn
- James Edwin Bolton
- Thomas John Bracken
- Donald Croft Brake
- Robert George Brazenor
- Patricia Ann Brennan
- Ainsworth Howard Brown
- Richard Irvin Brubaker
- ‡Gary Lew Bucher
- *Richard Frederick Buchter
- Edward Ulric Buddemeyer
- Harrie Glenney Burdan
- John Joseph Burke, Jr.
- Laurance Skillman Buttler, Jr.
- Edward William Cashman, Jr.
- *William Landefeld Chambers
- David Mitchell Chubb
- John Robert Clarke
- Caywood Edward Cooley
- *William Abner Corcoran
- Curtis Emery Coull
- Charles Allen Covey
- Janet Lee Crowl
- *George Donald Dise
- Lester Weber Eckman
- Mary Jane Eisenhardt
- *Tillie Mae Eisenhart
- John William Engle, Jr.
- Robert Gordon Eppelman
- *Samuel Joseph Evangelista
- George Wesley Evans, Jr.
- John Sebastian Faul
- *Thomas George Faulkner
- William Ronald Fearer
- Virginia Ann Feeser
- Martin David Feit
- Edwin Thaw Ferren, III
- Robert Starr Joseph Finnegan
- Don Willis Fireoed
- Anna Mae Frankenfield
- Wayne Robert Frantz, Jr.
- Betty Jean Freas
- Raymond Allen Frey
- Charles Phillip Friedrich
- *Raymond Paul Garman, Jr.
- Cynthia Knight Garrow
- †Robert Brettell Gatto
- Robert Francis Gayman
- Frank Grim Gesaman
- Richard Eugene Gelb
- Janice Kathryn Gibson
- Ralf Eric Gilbert
- Cynthia Louise Gingrich

* Completed requirements August 27, 1954.

** Completed requirements January 27, 1955.

† Completed requirements June 6, 1954.

‡ Posthumous award.

John Frederick Glass
Willard Paul Graham, Jr.
Gary Fester Greth
Donald Carl Griesel
*Donald Andre Griesmann
Earl Ralph Guise
Grace Velma Haabestad.
Josephine Hajjar
Sally Ann Harter
Virginia Louise Hausmann
Theodore DeWitt Hay, Jr.
James Malcolm Henderson, Jr.
Jack Eugene Herrera
William Edward Hershey
Joanne Louise Hill
*Arthur Lee Hirt
Robert Thomas Hoffman
*Kenneth Eugene Holtzapple
*Charles Edgar Hoos
Fern Lee Houck
*Ronald Anthony Jacobi
Elmer James Johnson
*Glenwood Frank Jones
**Richard Charles Jones
William Watkin Jones, III
John Robert Jury
Raymond George Kalil
Robert Katz
Barry A. Keller
John Anthony Keller, Jr.
Diane Carol Kennedy
James William Kephart
Edward Franklin Kertz, Jr.
Richard Platt Ketcham
Edward Albert Kirsch, Jr.
Claudette Lydia Koprivier
Thomas Michael Kostelac
Joseph Michael Krisewicz
Francis Moore Lambert, Jr.
John Lyon Lamson
Marian Clair Lane
Clark Whitney Lantz
James Bryan Lau, Jr.
Michael Wilford Lau
William Gerard Laurita
Lemuel Rolandis Lawson
*William Stephen Lehr
Quentin Eugene Lengel
Constance Courtenay Lenhard
Joan Virginia Lindstrom
John Phillip Lipkin
Nancy Lorraine Long
Irvin Milton Loose
Kenneth Chloris Louder
**William Latimer Lowe
*John Ivan Lowry
Nancy Kay Luckett
**Gilbert Junior Lupp
James Herbert McElhaney
Charles Herbert McKenzie
Baron Bott Maberry
Guy Marino, Jr.
William Ambrose Markley
William Reed Martin
Barbara Ann Maurer
James Francis Megee
Richard Alan Meyer
Lewis William Miles
John Norman Miller, Jr.
Joseph Molnar, III
Robert Bolton Morrison
*George William Moul
*Thomas Edward Noll
Alan Eugene Ollivier
Norman Paul Ollivier
Jack Wetzel Palmer

*Glenn Stevens Pannell
Peter David Stansbury Parkinson
Edward William Paulin
Neal Ronald Pease
Russell Warner Powley
*Robert Walter Prais
John David Quick
Helen Marion Rawlings
Samuel Theodore Reiner
Ronald Edwin Resley
Joan Lee Richards
Harry William Ries, III
Robert Joseph Roberts
Wallace Kline Rohrbach, Jr.
*Irwin Martin Rosenbaum
Susan Rumberger
Jaye Robert Ryan
Herman Theodore Ryberg, Jr.
Oakford Albertus Schalick, Jr.
Richard Whipple Schiller
Frank Stewart Sechrist
Albert Hamilton Shader, Jr.
Mary Ann Shearer
**Samuel McGraw Shull, II
Robert Lee Silbert
*Peter Cutler Smith
Walter Simon Smith
Richard Arthur Snook
Walter Eugene Snyder
William Edward Snyder
*Daniel Warren Spangler
William Alexander Steinbach, III
Janet Louise Stetler
John Richard Stoner
Conrad Richard Henry Sump
Gerard Albert Taddiken
**William Paul Tautz
Nancy Joan Teeter
Edward Evan Thomas
Edwin Hinman Thomas
George Orvis Thompson
*John Dorsey Thrush
Robert Hamilton Tool
LaVerne Janet Wartluft
Natalie Elizabeth Way
Thomas Erdman Weaver, Jr.
Sara Diane Wehn
Ronald Henry Welneit
William Joseph Weitzel
**Frederick Henry Wentz
*Jack Lee Whitcomb
Herman William Wiemer, Jr.
Charles Donald Woodington
John Howard Worth
Marjorie Arlene Worth
Barry Benjamin Wright
Robert James Yingling
William Albert Yocum
*George Myers Young
**James Bortner Ziegler

Bachelor of Science in Physical Education

Fred Ernest Lockenmeyer

Valedictorian

Phyllis Eleanor Berger

Salutatorian

Robert Frank Matthias

Highest Class Honors

Senior

Joseph Samuel Georgiana

* Completed requirements August 27, 1954.
** Completed requirements January 27, 1955.

Class Honors*Senior*

Phyllis Eleanor Berger
 Patricia Ann Brennan
 Richard Irvin Brubaker
 Henry Emmanuel Clare
 Eleanor Danker Clarke
 Elizabeth Ann Coulson
 Janet Lee Crowl
 Alice May Davis
 Donald Jean Ely
 Martin Luther Fackler, Jr.
 Wayne Robert Frantz, Jr.
 Frank Grim Geesaman
 Donald Carl Griesel
 Grace Velma Haabestad
 James Thomas Howard
 Constance Courtenay Lenhard
 Edward Alf Livingston
 William Reed Martin
 Robert Frank Matthias
 Colin Franklin Neuhaus
 Patricia Crane Segner
 Francis Vincent Scalzi
 Mary Ann Shearer
 Roy Pius Stonesifer, Jr.
 Henrietta Wilhelmina Velecky
 Edward Webster

Highest Class Honors*Junior*

Nelson Raymond Sulouff

Class Honors*Junior*

Frank Ronald Fischetti
 John Moses Fuss, Jr.
 Fred Wright Hopkins, Jr.
 Ernest Carol Ilgenfritz
 Ethel Lorraine Johns
 Beverly Ann McConnell
 John William McLaughly
 Robert Hargett Mack
 Suzanne Jane Schmitt
 Rebecca Jane Stracener
 Paul Patrick Verdone
 David Howard Weaner
 Carol Dawn Zukswert

Highest Class Honors*Sophomore*

Edwin Bachman
 Wilson Allen Heefner

Class Honors*Sophomore*

Joanne Shirley Banks
 Joan Frances Benfer
 John Michael Bishop
 Wayne Arland Ewing
 Amy Lee Hibberd
 Roger LeRoy Knecht
 John David Little
 Anne Virginia Marshall
 Ronald Milo
 Raymond David Niebler
 Morris Steve Piver
 Joan Lee Schick
 Sandra Carver Schildnecht
 Jeanette Anne Scott
 Marie Ruth Stauffer
 Mary Ann Sulzer
 Kathleen MacKenzie Swain

Carol Ann Traynor
 Howard Benson Tykot
 Cynthia Fern Wertz
 Shirley Louise White
 Richard Springer Wurst
 Eleanor Elizabeth Zoerbel

Highest Class Honors*Freshman*

Carola Ivonne Machetzki

Class Honors*Freshman*

Phyllis Andrea Ball
 Barbara Ellen Bogue
 Edith Naomi Dungan
 Irving Ray Glover
 Phyllis Virginia Groshans
 John Welle Kirst
 Ada Louise Kreider
 Carol Doub Long
 Julia Margo Owens
 William Frank Steirer, Jr.
 Kevin Blair Thomas

Departmental Highest Honors*In Biology*

Alice May Davis

In Chemistry

Francis Vincent Scalzi

In Economics

Robert Frank Matthias
 Clara Jane Rogers

In Physical Education

Alice May Davis

In Political Science

Donald Jean Ely
 Joseph Samuel Georgiana
 Edward Webster

In Psychology

Patricia Crane Segner

In Social Science

Edith Clare Mumper

In Spanish

Phyllis Eleanor Berger

Departmental Honors*In Biology*

James Thomas Howard, Jr.
 Susan Rumberger

In Economics

Robert Gordon Eppeleman
 Cynthia Anne Frolen
 Colin Franklin Neuhaus
 Henrietta Wilhelmina Velecky

In English

Eleanor Danker Clarke

In History

Edward Alf Livingston
Roy Pius Stonesifer, Jr.

In Music

Grace Velma Haabestad

In Physical Education

Donald Carl Griesel

In Psychology

Elizabeth Ann Coulson
Diane Carol Kennedy

Seniors Elected to Phi Beta Kappa

Phyllis Eleanor Berger
Elizabeth Ann Coulson
Alice May Davis
Martin Luther Fackler
Cynthia Alma Frolen
Joseph Samuel Georgiana
James Thomas Howard, Jr.
William Gerard Laurita
Edward Alf Livingston
Robert Frank Matthias
James Francis Megee
Edith Clare Mumper
Colin Franklin Neuhaus
Clara Jane Rogers
Francis Vincent Scalzi
Patricia Crane Segner
Henrietta Wilhelmina Velecky
Edward Webster
Marjorie Arlene Worth

Seniors in Gettysburg Honor Society

Patricia Ann Brennan
Alice May Davis
Robert Gordon Eppleman
Cynthia Alma Frolen
Janice Kathryn Gibson
Gary Fester Greth
Donald Carl Griesel
Grace Velma Haabestad
William Edward Hershey
James Thomas Howard, Jr.
Marilyn Elizabeth Huzzard
Constance Courtenay Lenhard
William Reed Martin
Robert Frank Matthias
James Francis Megee
Robert Bolton Morrison
Clara Jane Rogers
LaVerne Janet Wartluft
Edward Webster
John Howard Worth

**American Association of University Women
Gift Membership**

Alice May Davis

**Association of the United States
Army Prize**

Roy Pius Stonesifer, Jr.

Baum Mathematical Prize

Samuel Moffitt Eppley
Howard Benson Tykot

With Honorable Mention

Sandra Carver Schildnecht
Odette Ruth Schwager

Beachem Award

Robert Gordon Eppleman

C. E. Bilheimer Award

Alice May Davis

Chi Omega Social Science Award

Beverly Ann McConnell

Class of 1916 Prize

John Michael Bishop

Delta Gamma Alumnae Association Award

Gretchen Stansbury Parkinson

Delta Phi Alpha Prize

Eugene Frederick Irschick

Margaret E. Fisher Memorial Award

Howard Robert Foulk

Garver Greek Prize

Alfred Otto Siegel

With Honorable Mention

John Pennell Nelkirk

Garver Latin Prize

Ada Louise Kreider

Graeff English Prize

Eleanor Danker Clarke

Hamme Award

Harold Bauer Cooper
Joan Elaine Stein
Carol Dawn Zukswert

Hanson Award

Roy Pius Stonesifer, Jr.

Hassler Latin Prize

Robert Hargett Mack

Heimer Award

John William McGaughy

Lutheran Brotherhood Award

Louis Guy Mehl
Ralph Thomas Werley

George R. Miller Memorial Award

Frank Stewart Sechrist

Military Memorial Prize

Roy Pius Stonesifer, Jr.
Robert Frank Matthias

Moore Award

Robert Gordon Eppleman

Muhlenberg Freshman Prize

William Frank Steirer, Jr.

Nicholas Bible Prize

Nelson Raymond Suloff

Phi Delta Epsilon Award

William Reed Martin

Phi Sigma Iota Prize

Phyllis Eleanor Berger

Sceptical Chymists Prize

Howard Benson Tykot

Stine Chemistry Prize

Francis Vincent Scalzi

Weaver Scholarship FoundationJoseph Samuel Georgiana
Edward Webster*With Honorable Mention*Ralf Eric Gilbert
Barry A. Keller**Zimmerman Senior Prize**

Robert Frank Matthias

United States Army Commissions*Commissioned as Second Lieutenants in the United States Army Reserve*

†Glenn Harry Alspach
Donald Curtis Atkinson
Leo Bardenheuer
†John Charles William Bauersfeld
†Richard Paul Beimler
Robert George Brazenor
Harrie Glenney Burdan
Henry Emmanuel Clare
Caywood Edward Cooley
Charles Allen Covey
Edwin Thaw Ferren, III
†Wayne Robert Frantz, Jr.
*Donald Carl Griesel
Joseph Michael Krisewicz
Francis Moore Lambert, Jr.
John Lyon Lamson

†Clark Whitney Lantz
John Phillip Lipkin
Irvin Milton Loose
*William Reed Martin
*James Francis Megee
*Colin Franklin Neuhaus
†*Jack Wetzel Palmer
Wallace Kline Rohrbach, Jr.
Oakford Albertus Schallick, Jr.
Robert Lee Sibert
John Richard Stoner
*Roy Pius Stonesifer, Jr.
Conrad Richard Henry Sump
*Edward Evan Thomas
Charles Donald Woodington

United States Air Force Commissions*Commissioned as Second Lieutenants in the United States Air Force Reserve*

†Ronald Samuel Alexander
*Carl Eugene Beck
†Thomas John Bracken
*Richard Irvin Brubaker
†Edward William Cashman, Jr.
Robert Starr Joseph Finnegan
Donald Willis Fireoved
†*Ralf Eric Gilbert
Fern Lee Houck
†Bruce Richard Ihle
James William Kephart
†Edward Franklin Kertz, Jr.
Richard Platt Ketchem
Edward Albert Kirsch, Jr.
Thomas Michael Kostelac
†Robert Hershey Landino

Michael Wilford Lau
*Robert Frank Matthias
*Charles Herbert McKenzie
Richard Alan Meyer
Lewis William Miles
John Norman Miller, Jr.
John David Quicker
Jaye Robert Ryan
Richard Whipple Schiller
Richard Arthur Snook
Walter Eugene Snyder
†Edwin Russel Spicer
Robert Halsey Stark
Gerard Albert Taddiken
†George Albert Urban
William Albert Yocum

Honorary Degrees*Doctor of Divinity*

**William Charles Day
Warren Charles Heinly
William C. Wahl

Doctor of Letters

John Gunther

Doctor of Humane Letters

Adam James Hazlett
Francis Allen Shearer

Doctor of Science

Edgar Grim Miller

Doctor of Laws

Gustav W. M. Wieboldt

* Distinguished Military or AFROTC Graduates.

** Posthumous award.

† To be commissioned in Summer, 1955.

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Correspondence Directions

For information about:

GENERAL COLLEGE MATTERS

The President

ACADEMIC AFFAIRS

The Dean

ADMISSION OF STUDENTS, SCHOLARSHIPS, REQUESTS FOR CATALOGS,

The Dean of Admissions

STUDENT AFFAIRS, DORMITORIES

The Dean of Men

The Dean of Women

TRANSCRIPTS OF COLLEGE RECORDS

The Registrar

ALUMNI AFFAIRS

The Alumni Secretary

STUDENT AND ALUMNI PLACEMENT

The Director of Placement

COLLEGE BILLS

The Business Manager

CATALOG NUMBER

Gettysburg College Bulletin

Founded in 1832

REGISTER FOR 1956-1957

ANNOUNCEMENT OF COURSES 1957-1958

Vol. XLVII - March, 1957 - No. 3

GETTYSBURG COLLEGE

GETTYSBURG, PENNSYLVANIA

The provisions of this bulletin are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change any provision or requirement at any time, but its practice is to make no provisions retroactive.

*Published in January, February, March, April,
June, October*

Entered at the Post Office at Gettysburg, Pa., as second class matter under
Act of Congress August 24, 1912

Foreword

Objectives of Gettysburg College

Gettysburg College, an independent, church-related college, seeks to encourage the sound development of its students in an atmosphere of Christian ideals. In particular, the aims of the College may be stated as follows :

- (1) To emphasize to the student the importance of the Christian faith as an integrating force in life.
- (2) To develop his interest in the physical and social sciences and in the humanities, to enrich his appreciations, and to help him acquire a worth-while philosophy of living.
- (3) To enable him to gain a broad and solid preparation for his chosen work and to take a creative part in society.
- (4) To nurture his physical well-being ; to train him in wise use of his leisure time ; and to help him recognize his responsibility to his fellow man.

Thus Gettysburg College seeks to provide for the spiritual, intellectual, social, and physical growth of its students through the framework of an enduring philosophy of higher education, in a setting of intimate personal contacts between teacher and student.

Institutional Rating

Gettysburg College is on the accreditation lists of the Middle States Association of Colleges and Secondary Schools, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Commission on Accreditation.

Approval by the American Medical Association and the American Association of University Women, membership in Phi Beta Kappa and in the American Chemical Society, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

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CALENDAR FOR 1956-1957-1958

(Session days are indicated by bold italic)

1956

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER					
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
..	..	..	..	..	..	1	..	1	2	3	4	5	6	..	..	..	..	1	2	3	..	..	..	..	..	..
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21
23	24	25	26	27	28	29	28	29	30	31	..	..	..	25	26	27	28	29	30	..	23	24	25	26	27	28
30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	31	..	..	..	..

1957

JANUARY							FEBRUARY							MARCH							APRIL					
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
..	..	1	2	3	4	5	..	..	..	..	..	1	2	..	..	..	..	1	2	..	..	1	2	3	4	5
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9	7	8	9	10	11	12
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16	14	15	16	17	18	19
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23	21	22	23	24	25	26
27	28	29	30	31	..	..	24	25	26	27	28	..	..	24	25	26	27	28	29	30	28	29	30	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	31	..	..	..	..	..	..	..	..	..	..	..	..
MAY							JUNE							JULY							AUGUST					
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
..	..	..	1	2	3	4	..	..	..	..	..	1	2	..	1	2	3	4	5	6	..	..	..	1	2	
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23
26	27	28	29	30	31	..	23	24	25	26	27	28	29	28	29	30	31	..	..	..	25	26	27	28	29	30
..	..	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER					
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
1	2	3	4	5	6	7	..	..	1	2	3	4	5	..	..	..	..	1	2	..	1	2	3	4	5	6
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12	13
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26	27
29	30	..	..	..	..	..	27	28	29	30	31	..	..	24	25	26	27	28	29	30	29	30	31	..	..	..

1958

JANUARY							FEBRUARY							MARCH							APRIL					
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
..	..	..	1	2	3	4	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1	2	3	4	5
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	8	9	10	11
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17	18
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25
26	27	28	29	30	31	..	23	24	25	26	27	28	..	23	24	25	26	27	28	29	27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	30	31	..	..	..	..	..	..	..	..	..	..	..

MAY							JUNE							JULY							AUGUST					
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
..	..	..	..	1	2	3	1	2	3	4	5	6	7	..	1	2	3	4	5	6	..	..	..	..	1	2
4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8
11	12	13	14	15	16	17	15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15
18	19	20	21	22	23	24	22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22
25	26	27	28	29	30	31	29	30	27	28	29	30	31	24	25	26	27	28	29
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COLLEGE CALENDAR

1957-1958

1957

June 12
July 19
July 22
August 30

SUMMER SESSION

Wednesday, Registration
Friday, First session ends
Monday, Second session begins
Friday, Second session ends

FALL SEMESTER

September 14-19

Saturday-Thursday, Orientation Week and Registration

September 19

Thursday, Formal Opening Exercises, 11:00 A. M.

September 20

Friday, Classes begin 8:00 A. M.

October 19

Saturday, Father's Day

November 2

Saturday, Alumni Homecoming

November 11

Mid-Semester reports

November 27

Wednesday, Thanksgiving Recess begins 12:00 noon

December 2

Monday, Thanksgiving Recess ends 8:00 A. M.

December 18

Wednesday, Christmas Recess begins 8:00 A. M.

1958

January 3

Friday, Christmas Recess ends 8:00 A. M.

January 8-9-10

Wednesday-Friday, Senior Comprehensive Examinations

January 20-29

Monday-Wednesday, Mid-year Examinations

SPRING SEMESTER

February 4

Tuesday, Registration

February 5

Wednesday, Classes begin

February 10-12

Monday-Wednesday, Religious Emphasis Week

March 7-9

Friday-Sunday, Interfraternity Weekend

March 24

Mid-Semester reports

April 2

Wednesday, Easter Recess begins 8:00 A. M.

April 9

Wednesday, Easter Recess ends 8:00 A. M.

April 12

Saturday, Competitive Examinations

April 28-30

Monday-Wednesday, Senior Comprehensive Examinations

May 3

Saturday, Mother's Day

May 7

Wednesday, Spring Registration

May 22-31

Thursday-Saturday, Final Examinations

June 7

Saturday, Alumni Day

June 8

Sunday, Commencement

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Student Conduct: BREAM, EDDINS, KENNEY, MARA, MOORHEAD; STUDENTS.

Student Publications: TAYLOR, BAIRD, BASKERVILLE, GLATFELTER,
LINDEMAN.

Summer Session: ARMS, BOWEN, DUNN, ROSENBERGER, WOLFE.

The President and the Dean of the College are ex-officio members of all committees.

Location and History

Gettysburg, Pennsylvania, is located in the south-central part of the state, about thirty miles southwest of the state capital, Harrisburg. The town, with a population of approximately seven thousand, lies in the eastern foothills of the Appalachian mountains in an attractive rural setting of rich farmlands and orchards. It is the site of one of the most significant battles in military history and in the history of the nation. The battlefield, which is now a national park, is yearly visited by nearly a million tourists.

"Pennsylvania College of Gettysburg" was chartered on April 7, 1832, as the first Lutheran college in America. The primary purpose of its founders was "To train men and women as leaders who will preserve this civilization with its emphasis on the dignity of the individual as a being created in the image of God." Through the years, continued effort to fulfill this early objective has provided Gettysburg College with a rich history of progress and development.

The College first held classes in a building in town which has since become a private residence. The present campus was established in 1837, when Pennsylvania Hall, the "Old Dorm," was constructed on the former Thaddeus Stevens property. This building, which served as a hospital and headquarters during the battle, still stands in the center of the campus and functions as a men's dormitory. Expansion was accelerated after the Civil War: new buildings were erected, inter-collegiate sports were started, and in 1888 women were first admitted. In 1916 the Army organized a Reserve Officers Training Corps at Gettysburg, making the College the first independent institution to have such a unit. In 1921 the name of the school was officially changed to Gettysburg College.

During the early decades of the century growth was rapid. The student body continued to grow, and many new buildings were added. In 1927, an outstanding year in the growth of the College, Breidenbaugh Science Hall and the Eddie Plank Memorial Gymnasium were completed. The curriculum was expanded to include many new courses and embrace a wide range of study. The faculty was continually augmented and has increased from the original staff of five professors to more than one hundred members. The student enrollment now stands at approxi-

mately 1,400, a great increase from the small band of sixty-seven who crowded into the limited space of the first college home. The physical equipment of the college is now valued at approximately \$7,000,000. Gettysburg College is fully accredited and approved by all the major agencies, including membership in the National Commission on Accreditation and the American Association of University Women.

Gettysburg College feels that it has been true to its fine traditions and objectives and that it has, over the years, made a valuable contribution to the intellectual and spiritual welfare of the nation. The College will continue to accept the responsibility of providing its students with the best educational advantages that it can offer.

Buildings and Facilities

AIR SCIENCE BUILDING, a temporary structure obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters and provides classroom facilities for the Department of Air Science.

ALUMNI HALL, the former Alpha Tau Omega home, has been rented by the College for a period of two years. Located diagonally across Washington Street from the South College Gate, it houses the Office for Development, the Publicity Office, and the Alumni Office. The three offices are located on the main floor with conference rooms on the second floor. A large work room on the ground floor furnishes ample space for addressing and duplicating machines.

AUGHINBAUGH HALL, a large residence on Springs Avenue, accommodates twenty-seven girls and a housemother. There is a kitchen in which breakfast is prepared for resident students.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the Departments of Chemistry and Physics and the College Radio Station, WWGC. The building was completed in 1927.

The Chemistry Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have separate laboratories and stock rooms equipped with essential apparatus and supplies.

The departmental library, also in Breidenbaugh Hall, contains a substantial reference section adapted to nearly all branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals, including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physics Laboratories, in the south and central portions of Breidenbaugh Science Hall, are equipped with modern apparatus for elementary and advanced laboratory work in mechanics, heat, optics, electricity,

electronics, atomic and nuclear physics. A six-foot Paschen Mounting Grating Spectrometer mounted on concrete pillars is available for research in atomic spectroscopy. Also included in the laboratories is a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books in all fields of physics, including the classical works, current references, and all essential journals.

BRUA HALL, erected in 1889-90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for plays, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Hall was erected and made available to the Music Department in 1951. The Woman's League has now undertaken the reconstruction of Brua Hall to provide a "Little Theatre" in the former Chapel auditorium, with a seating capacity of at least three hundred.

BUEHLER HALL, a large residence on Carlisle Street facing the campus, accommodates thirty-eight girls and a housemother. There are a parlor, a recreation room, snack kitchen, and lounge.

CHRIST CHAPEL, completed for daily chapel services in September, 1953, stands opposite Weidensall Hall. The Chapel constitutes the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

There are nine classrooms, an art studio, and the offices of the Departments of Fine Arts, German, and Sociology and Social Work in the basement of the Chapel.

COLLEGE BOOK STORE, situated at the intersection of Stevens and North Washington Streets, dispenses textbooks and accessories. It is owned and administered by the college. It was erected in 1939.

EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the ROTC, locker and dressing rooms, and showers. On the main floor are the gymnasium proper, a theatrical stage,

and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices in the gallery.

GLATFELTER HALL, erected in 1888-89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. The building is fire-resistive throughout.

The first floor of Glatfelter Hall is occupied by the College Administration, the Departments of Mathematics, Latin, and Psychology. The Departments of Bible, History, Philosophy, Greek, and English have their offices and classrooms on the second floor. On the third floor are the Departments of Political Science and Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories in Glatfelter Hall are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups.

A temporary structure, attached to the west side of Glatfelter Hall and known as the Annex, provides four auxiliary classrooms.

HANSON HALL, a new dormitory for 104 girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President Emeritus and Mrs. Henry W. A. Hanson. It contains an apartment for the Dean of Women, two snack kitchens, five sorority rooms and lounges, and an apartment for a housemother.

HUBER HALL, a building of colonial design fronting on Carlisle Street, provides dormitory and recreational facilities for women students and houses the College dining hall. The first floor contains a lounge and living quarters for a number of students. The second or main floor contains a large dining hall and a kitchen. On the third floor are rooms for students. Huber Hall was built in 1917.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by four nurses, under the supervision of a medical director.

THE LIBRARY contains about seventy thousand volumes, including essential reference works and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years; funds are available to meet the special needs of each department; and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains reference and general reading rooms, seminar rooms, ample stock space, and accommodations for the library staff.

McKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

OSOGA LODGE, a rustic cabin located in the South Mountains some twenty miles north of Gettysburg, serves as a scenic retreat for student and faculty groups. Two nearby lakes and a mountain creek enable college groups to enjoy boating, swimming, fishing, and other seasonal activities.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, some of them *en suite*, so that those who desire may have separate study and sleeping rooms.

THE PRESIDENT'S HOUSE, built in 1915, is situated on the campus at the intersection of Stevens and Carlisle Streets.

STEVENS HALL, on Carlisle Street, was refurnished by the Woman's League for the use of women students. There are accommodations for fifty-two girls, an apartment for the housemother, and a living room. The building was erected in 1868.

STINE HALL, a new three-story dormitory for men, located on Nixon Field northeast of the Plank Gymnasium, was opened for occupancy at the beginning of the second semester of the 1955-1956 school year.

This modern structure of brick and concrete, with tile floors throughout, accommodates 132 students. It contains sixty-six rooms, each equipped with two beds, two dressers, two desks, and ample wardrobe and storage space for two. Two shower rooms on each floor and a separate gas heating plant in the basement complete the floor plans.

It honors the memory of Dr. Charles M. A. Stine, '01, a former vice-president of the E. I. duPont de Nemour Company in charge of research, a nationally famous chemist and long-time chairman of the Board of Trustees.

Funds for the completion of Stine Hall were provided by alumni and friends through the efforts of the Office for Development.

WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D., Class of 1860, a pioneer in the work of the YMCA. In the reconstruction which followed the fire of 1946, it was greatly enlarged; and it now contains a large center hall, an auditorium, a tiled swimming pool, a lounge for students, recreation and browsing rooms, a snack bar, and the offices of the SCA, the Chaplain, and the *Gettysburgian*.

THE WHITE HOUSE, long used as the home of the president of the college, and later as the home of the chaplain, was erected in 1860. This building, situated on the campus, just southeast of Glatfelter Hall, now houses the Admissions Officers, the Director of Placement and Guidance, and the Romance Language Department.

ADDITIONAL BUILDINGS, all located on the central campus, are the Business Office, four fraternity houses, a janitor's home, the heating plant, and certain temporary buildings.

TWO NEW MEN'S DORMITORIES are presently under construction and it is expected that they will be ready for service for the first semester of the 1957-58 school year. They are being erected along West Lincoln Avenue and with Stine Hall and Science Hall, will form an attractive quadrangle.

THE NEW DINING HALL is also under construction, and plans call for its completion for use at the beginning of the second semester of

the 1957-58 school year. Upon completion of this building and the removal of the dining facilities from Huber Hall, that building will be remodeled to provide additional rooms for women students.

Athletic Fields

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination field for football and track.

IRA PLANK MEMORIAL BASEBALL FIELD, lying northwest of Eddie Plank Memorial Gymnasium and containing a diamond with 400-foot foul lines, is devoted exclusively to intercollegiate baseball.

INTRAMURAL FIELD, north of Broadway, contains four clay and four rubico composition tennis courts and soccer, hockey, softball, and football fields.

GIRLS' HOCKEY FIELD, lying just south of the Eddie Plank Gymnasium, is a new hockey and intramural athletic field for girls.

College Expenses

Comprehensive Fee

Gettysburg College operates under the comprehensive fee plan for the regular school year. The student pays an all-inclusive fee which covers all academic expenses except books and private lessons in music. Under such a system every student and every parent will know well in advance the exact amount of each year's College expense.

The comprehensive fee allows a student to take from 10 to 18 credit hours each semester. Anyone pursuing studies which total more than 18 credit hours per semester must pay \$20.00 for each credit hour above the 18 hours allowed.

Comprehensive Fee	\$725.00
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Board

College Dining Hall	\$400.00
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Room Rents

Aughinbaugh Hall	\$120.00
Buehler Hall	150.00
Hanson Hall	200.00
Huber Hall	150.00
McKnight Hall	150.00
Pennsylvania Hall (Old Dorm)	150.00
Rooms in private homes	120.00 to 225.00
Stevens Hall	150.00
Stine Hall	200.00
New Dormitories	200.00

Total Yearly Expenses

	<i>Minimum</i>	<i>Liberal</i>
Comprehensive Fee	\$725.00	\$725.00
Board	400.00	400.00
Room (dormitory)	150.00	200.00
Books and Stationery (estimated) ..	50.00	100.00
<hr/>		
Estimated total cost for college year .	\$1,325.00	\$1,425.00

The above tabulation does not include laundry and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

Part-Time Students

Any student taking a program of less than 10 semester hours is considered a part-time student, and does not pay the comprehensive fee. The following rates apply for part-time students:

Tuition (per semester hour)	\$22.50
Laboratory fee (per semester, each)	15.00
Library fee (per semester)	3.00
Registration fee (per semester)	5.00

Part-time students do not receive admission tickets to intercollegiate athletic programs, nor do they participate in the health service or in student-sponsored activities unless they pay a fee of \$50.00 per year.

Payment of Bills

All College bills are due and payable on or before registration each semester. Each student will be billed for one-half of the yearly comprehensive fee, room rent, and board charge before the beginning of each semester. Checks should be made payable to Gettysburg College and sent to Gettysburg College Treasurer, Gettysburg National Bank, Gettysburg, Pennsylvania.

The Veterans Administration will pay the comprehensive fee and cost of books and supplies within the legal limits for veterans attending Col-

lege under the provisions of Public Laws 16 and 346. Veterans attending College under the provisions of Public Law 550 (the Korean G.I. Bill) will receive monthly amounts from the Veterans Administration and are to pay their own College bills. Because of possible delays in receipt of these amounts and the fact that the V.A. will pay monthly, the College will allow accredited PL 550 students to make monthly payments. All students, however, must pay at least \$150 on or before the day of registration.

No student will be permitted to take the semester examinations, be graduated, or receive a transcript of record or statement of honorable dismissal until all financial obligations to the College and community have been met.

Insured Tuition Payment Plan

The Insured Tuition Payment Plan is a combination of an installment payment plan covering 4 years of college expenses, and an insurance policy guaranteeing payment for completion of the 4 years in the event of the death of the person financing the student's education. It is available to all students through Mr. Richard C. Knight, 112 Water Street, Boston 9, Massachusetts. Parents may write directly to Mr. Knight for information and contract. The Dean of Admissions will mail a brochure of information to all new students on or before June 1 of each year.

Board

All women students, except those living at home, are required to take their meals in the College Dining Hall.

All entering Freshmen men are required to take their meals in the College Dining Hall.

Refunds

No refunds of the comprehensive fee will be made after the first week of any semester except where a student has had to withdraw because of serious illness or call by Selective Service, in which case the fee will be refunded on a proportionate basis.

No refund of the board fee may be made unless authorized by the Business Manager.

Rooms charges are refundable only if a student leaves College because of serious illness, or call by Selective Service, or finds a replacement who is willing to assume the remaining charge.

Veteran credits will be made in accordance with existing Veterans Administration regulations.

Transcripts

Each student is permitted one free transcript of his full record upon graduation or withdrawal from College. Anyone desiring more than one must send his request to the Registrar and enclose payment of \$1.00 for each additional transcript requested.

College Book Store

The Book Store is operated by the College for the convenience of the students. Since it is operated on a cash basis, all students should be provided with \$50 to \$75 in cash to purchase necessary books and supplies.

Admission of Students

Although Gettysburg College has expanded its facilities to provide a liberal education for an increased number of students, it believes that its purposes can best be achieved if it maintains its character as a small church-related school. The stated requirements for admission are designed to enable the College to select students who will contribute to and benefit from such a College community.

Requirements for Admission

The *Committee on Admissions* considers each applicant individually, using as its principles of selection the following:

1. Evidence of good character and acceptable social habits.
2. Evidence of academic attainment and ability, especially facility in the use of the English language and the understanding of fundamental mathematical processes.
3. Acceptable scores on the tests of the College Entrance Examination Board.

The Committee relies upon the secondary school record, examination results, personal interviews, and recommendations from the school, alumni, and friends of the College for its basic information. While the College places greater emphasis upon the quality of the student's work in secondary schools than upon the exact distribution of the subjects taken, it makes the following general recommendations for the guidance of students looking toward college admission:

Graduation from and recommendation by an approved secondary school with completion of 16 Standard High School Units as follows:

<i>Required:</i>	YEARS
English	4
Elementary Algebra	1
Plane Geometry or Intermediate Algebra	1

<i>Recommended:*</i>	YEARS
Natural Science	2
History	2
Foreign Language	2

Optional:

Additional electives to fill the graduation requirement from Mathematics, Natural Science, History, Social Studies, and Foreign Language. Not more than three units in vocational or commercial subjects are acceptable.

Veterans who were not graduated from secondary school before entering the Armed Services may, in certain circumstances, qualify for admission through an educational training program in service, through United States Armed Forces Institute Courses, or on the basis of the General Educational Development Tests.

Entrance Examinations

Gettysburg College requires that all candidates for admission take the Scholastic Aptitude Tests (the Morning Program) of the College Entrance Examination Board.

High School principals and guidance counselors usually have complete information and application blanks for the tests of the College Entrance Examination Board. However, any student may receive direct information, application forms, and sample tests by writing to the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey, or Post Office Box 9896, Los Feliz Station, Los Angeles 27, California. These tests are available at widely distributed centers throughout the United States on the following dates: December 7, 1957; January 11, 1958; February 8, 1958; March 15, 1958; May 17, 1958; and August 13, 1958.

*In addition to the general recommendations for all prospective students, the following special ones should be noted:

Students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

Application for Admission

A student desiring to enter Gettysburg College from high school or preparatory school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his school to complete pages one and two and forward it to the Admissions Office. Regulations governing admission of applicants who have attended another college are stated in the section "Admission with Advanced Standing."

A fee of \$5.00 must accompany the "Application for Admission." This fee is non-refundable and is used to defray, in part, the costs of processing the application.

A student may present an "Application for Admission" at any time after the completion of the Junior year in high school, and the Dean of Admissions may at any time make tentative reservations for applicants with exceptional qualifications. However, the *Committee on Admissions* selects the larger part of the men's quota after the Senior mid-year grades are presented. Most of the women's quota are selected about March 1 of each year. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

Advance Payments

In order to validate their statement of acceptance, successful applicants for the September term must send to the Dean of Admissions, Gettysburg College, an advance payment of \$50.00 on or before May 20. Those receiving notification of acceptance after May 5 must send the \$50.00 advance payment within 15 days of the date of notification. \$25.00 of this amount is credited to the first semester's bill, and \$25.00 is held as a deposit against minor charges such as laboratory breakage and other items too small for individual billing. Upon graduation, the student will receive the unused portion of this deposit. If a successful applicant withdraws before July 1, the advance payment will be returned. No refunds will be made after July 1.

Successful applicants for the February or June terms may be refunded the \$50.00 advance fee, if they withdraw sixty or more days before the beginning of the term for which they are accepted.

Dormitory Room Reservation

Dormitory room preference is given to students in the order of the receipt of the advance fee of \$50.00. Since there is some difference in

the desirability of dormitory rooms, it is to the student's advantage to make the advance payment before the May 20 deadline. No room reservation can be made until the advance payment has been made.

Admission with Advanced Standing

A student is eligible to transfer to Gettysburg College only if he is entitled to an honorable dismissal without social or academic probation from another college. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing his high school record.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. The College sometimes accepts for credit college level United States Armed Forces Institute courses validated by examinations and accepts some service school courses approved by *A Guide to the Evaluation of Educational Experiences in the Armed Forces*. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon other members of the Junior class. A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of attendance in order to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores or first semester Juniors are required to take General Education 2.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

Admission at the Beginning of the Second Semester

Freshman and transfer students may be admitted at the beginning of the second semester. Methods and requirements for admittance are the same as for those students entering at the beginning of the regular school year in September.

Admission to the Summer Session

Students who are candidates for degrees at Gettysburg College are admitted to the Summer Session under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Session *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

Registration

The Registration System

Since there are few fixed curricula at Gettysburg College, most students work out with their advisers the curricula best suited to their individual needs. Course selections are limited by the general requirements for graduation and by the requirements of each department. The registration system seeks to coordinate advisement with the formal course registration.

Spring Registration

Preliminary registration of old students for the following academic year and final registration of those who will attend the summer session are held before the end of the second term. Detailed registration plans are announced in the campus newspaper, the *Gettysburgian*.

Summer Session Registration

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin*.

Pre-Registration of New Students

Freshmen entering in September make out a tentative schedule of courses through individual conference or through correspondence with the Registrar during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study.

For new students entering with advance standing, the Dean of Admissions prepares evaluations of transfer credits and statements of remaining requirements for graduation. One copy goes to the student and another to the adviser.

September Registration

New students meet with their advisers on Monday of Orientation Week to complete their registration. Any change in course may be negotiated with the adviser on Thursday afternoon.

Old students complete the registration begun at the Spring Registration on Wednesday and Thursday of Orientation Week. The Dean announces the schedule of registration in a letter to each student.

February Registration

Students registered in September must execute a supplementary registration in February before beginning second semester classes.

New students entering in February make out schedules and register on the announced registration date.

Registration Rules

1. Each student must register officially at the specified time and place for all the courses he expects to enter. Late registration is penalized by a fine of \$5.00 unless excused by the *Scholastic Standing Committee*.
2. No student may receive credit for a course unless he is properly registered for that course.
3. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
4. A change of registration fee is charged for each change in course made at the request of the student after the regular registration dates as specified in the catalogue or by special bulletin.
5. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
6. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

Curriculum

Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution and concentration of subject matter to be completed before graduation. See pages 47-48.

Because of this dominantly liberal purpose, most students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study. Majors in Music Education and some majors in Health and Physical Education qualify for the degree of Bachelor of Science. See pages 51-52.

Each department has worked out suggested curricula to assist students in selecting courses to meet certain objectives. Beyond the above-mentioned requirements and suggestions, each individual has complete freedom to select those courses which he feels will give him the best possible education.

Advisers

When a student registers as a Freshman, he is assigned to a Faculty Adviser with whom he may consult regarding all academic matters and from whom each semester he must secure approval of his study list. Before the spring registration in his Freshman year, he is expected to choose his major field of study. The head of the department in his major subject will then become his adviser, and throughout the remainder of his college course the student will consult with him and secure his approval of his study list.

If, at the time of the spring registration, a student has not yet chosen his major field of study, or has not attained a scholastic average that would justify his acceptance as a major in the department of his choice, he may select as his temporary adviser, the head of the department in which he would like to major. If his work in the department later improves, he may then be accepted as a major.

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

Courses and Credits

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written departmental approval which is to be filed with the office of the Registrar.

Schedule Limitations

The usual schedule is 15 or 16 semester hours, in addition to basic ROTC or Physical Education. With the permission of his faculty advisor a student, during his Freshman or Sophomore years, may carry 12 to 16 semester hours, in addition to basic ROTC or Physical Education. During his Junior or Senior year he may carry, with the permission of his department adviser, from 12 to 18 semester hours. Semester schedules of more than 18 hours will be permitted only with the special approval of the Dean.

Requirements for the Degree of Bachelor of Arts

The degree of Bachelor of Arts may be conferred upon the student who completes 128 semester hours of work.

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points* as there are hours required for their graduation. No student may be graduated with a quality-point average of less than 1.00 in his major subject.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

All candidates for the degree of Bachelor of Arts must complete courses necessary to meet the distribution and concentration requirements listed below. All candidates for the bachelor's degree must also pass a comprehensive examination in their major field of study. See page 48. Beyond the distribution and concentration requirements, each student has complete freedom to select those courses which he feels will

* See "Grading System", page 59.

give him the best possible education. Detailed Freshman and Sophomore programs listed on page 50 show how the distribution requirements are normally met during the first two years.

Distribution Requirements for All Students

<i>Subjects</i>	<i>Semester Hours</i>
English A	6
Bible 1	6
General Education 1	6
General Education 2	6
Military Science or Air Science or Physical Education— 2 semester hours per semester for two years	8
Foreign Language	
6 semester hours above the "A" course in one, or if the student enters without the equivalent of the "A" course, then 12 semester hours	6-12
Philosophy, Pol. Sci. and Econ., History, Psychology, So- ciology	
6 semester hours in one	6
Literature*	
6 semester hours in one	6
Science: Biology, Chemistry, Physics	
1 full year course in one	8
Second science or mathematics or a second language above the "A" course	
1 full year course in one; if the student elects a second language without the equivalent of the "A" course, then 12 semester hours	6-12
Appreciation courses † in two departments	4
Senior Comprehensive Examination .....	..
Average total for distribution	68-80

* Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses.

† These four hours may be selected in two different departments from Dramatic Arts 1; Fine Arts 3 and 4; Music 1, 2, 3; and English 16.

Concentration Requirements for All Students

24 semester hours above "A" courses in a major

12 semester hours above "A" courses in a related minor.*

12 semester hours above "A" course in an unrelated minor.*

As early as possible each student should select his major subject. In addition, he should select a minor subject related to his major field (in the same group).

With the permission of the major adviser, a second major may be selected no later than the beginning of the Senior year, the approval of the head of the second department having been received. A second major may be entered on College records if all requirements of both departments, including comprehensive examination requirements, are met.

The subjects are arranged in three groups as follows:

<i>Group 1</i>	<i>Group 2</i>		<i>Group 3</i>
English	Bible	Philosophy	Biology
French	Economics	Physical Education	Chemistry
German	Education†	Political Science	Mathematics
Greek	Fine Arts†	Psychology	Physics
Latin	History	Sociology	
Spanish	Music		

Comprehensive Examinations

Every candidate for the bachelor's degree is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study.

* This is interpreted as meaning two full year courses or the equivalent if the minor is in a laboratory science.

With the consent of the major adviser, a year course or its equivalent in each of two subjects within the group may be accepted as a minor.

† Accepted for a minor only.

The comprehensive examinations are graded "passed," "passed with honors," or "passed with highest honors," and these grades are placed on the student's permanent record.

The comprehensive examinations consist of two three-hour written examinations plus either a third three-hour written examination or an oral examination, as determined by the department. The examinations are scheduled as follows:

1. For February graduates, during the first week following the Christmas vacation.
2. For June and August graduates, during the last week of April or the first week of May.

The exact dates of examination are published in the Calendar of this catalog.

Requirements for Teacher Certification

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by completing nine semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least nine additional quality points. Normally, students in good standing can include these hours in their regular four-year schedule.

Requirements for Military Commission

A student who has successfully completed the advanced courses in Air Science or Military Science may qualify for a reserve commission in the Air Force or the Army in the rank of Second Lieutenant. Military Science students honored with the Distinguished Military Award may qualify immediately for a regular, or permanent, commission in the Army. Distinguished Air Force ROTC Graduates are likewise eligible for direct commissioning into the Regular Air Force. Other Air Force ROTC graduates are eligible, after eighteen months of commissioned service on active duty, to apply for appointment in the Regular Air Force.

Required Freshman Program

<i>Subjects</i>	<i>Semester Hours</i>
General Education 1	6
English A	6
Bible 1	6
Language*	6
Mathematics, or Economics 1 and 2, or a Science, or a second language, or Psychology 1, or Music 7	6-8
Military Science or Air Science or Physical Education	4
Total	34-36

Required Sophomore Program

<i>Subjects</i>	<i>Semester Hours</i>
General Education 2	6
Military Science or Air Science or Physical Education	4
At least two courses selected from the following: Language, Mathematics, Science, or second Language	12-16
Two electives with at least one from the following: History, Philosophy, Political Science, Psychology, Sociology	12
Total	34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

Junior and Senior Program

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program contain at least two courses each semester outside the group in which the student's major

* Science and mathematics majors may postpone language to take both a science and mathematics.

falls, and that the Senior program contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Dean of Admissions will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

**Requirements for the Degree of Bachelor of Science
in Health and Physical Education**

For those who wish to meet all the requirements of teacher certification in Health and Physical Education, the following curriculum leading to the degree of Bachelor of Science in Health and Physical Education is available. Students completing this curriculum may be certified to teach both Health and Physical Education, and General Science.

Freshman Year		Hrs.	Sophomore Year		Hrs.
Bible 1a, b	.....	6	Psychology I	.....	3
English A	.....	6	Health and Physical Education 2,		
Health and Physical Education I	.....	4	5, 6, 10, 11, 18	.....	16
Military Science or Air Science I	.....	4	Military Science or Air Science 2	.....	4
Biology I	.....	8	Education 1 and 2	.....	6
General Education 1 or 2	.....	6	Electives	.....	3
Total		34	Total		32
Junior Year		Hrs.	Senior Year		Hrs.
Physics 1	.....	8	Health and Physical Education 4,		
History 6	.....	6	13, 17, 19, 21, 22	.....	15
Education 6	.....	3	Military Science or Air Science 4	.....	6
Military Science or Air Science 3	.....	6	Education 5, 10, 11	.....	12
Health and Physical Education 3,					
14	.....	10			
Total		33	Total		33

Those students who do not take ROTC are strongly advised to complete the Health and Physical Education Curriculum leading to the degree of Bachelor of Arts.

The Senior Comprehensive Examinations are required.

Requirements for the Degree of Bachelor of Science in Music Education

The following curriculum is offered as a guide to those who wish to meet the requirements necessary to teach or supervise music in the elementary or secondary schools. Upon completion of this course of study a student will be granted a Bachelor of Science degree in Music Education. He will also be qualified to receive a Pennsylvania Provisional College Certificate to be issued by the State Department of Public Instruction.

Freshman Year		Hrs.	Sophomore Year		Hrs.
Bible 1a, b	6		Speech	4	
English A	6		Literary Foundations	6	
Biology 11 or 12	4		Education 1	3	
Physics (Acoustics)	3		Physical Education (Eurythmics)	1	
Physical Education	3		Psychology	3	
Music 10	4		Music 7	6	
Instrumental Class	2		Music 11	2	
Music Appreciation	2		Instrumental Class	2	
Applied Music	4		Music 14	4	
			Applied Music	3	
Total		34	Total		34
Junior Year		Hrs.	Senior Year		Hrs.
History 6	6		Education 10	3	
Education 5	3		Sociology or Philosophy	3	
Music 8	6		Music 13	2	
Music 6	6		Music 16	2	
Music 18	3		Music 20	2	
Music 19	2		Student Teaching	12	
Instrumental Class	2		Applied Music	4	
Applied Music	4		Elective	4	
Total		32	Total		32

Cooperative Forestry Program

Gettysburg College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned

the Bachelor of Arts degree from Gettysburg College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student who elects to pursue this curriculum spends the first three years in attendance at Gettysburg College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendship with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke University offers forestry courses only to senior and graduate students, the student from Gettysburg College will find himself associating with a mature student body. He will be well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Dean of Admissions of Gettysburg College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Gettysburg. No application need be made to the School of Forestry before that time.

There is no fixed major or rigid curricular requirement for the three years at Gettysburg. However, the College recommends that students in the Forestry program come under the advisement of the Biology Department and use the following as a guide:

Pre-Forestry Curriculum at Gettysburg College

First Year	Hrs.	Second Year	Hrs.
English A	6	General Education 2	6
General Education 1	6	General Chemistry 1	8
Biology 11	4	Foreign Language 1	6
Biology 12	4	Economics 3	6
Mathematics 1a, 1b or 2	6	Electives	6
Bible 1	6	Physical Education or ROTC ...	4
Physical Education or ROTC ...	4		
<hr/> Total		<hr/> Total	
	36		36

Third Year	Hrs.
Foreign Language 2 or English Literature	6
General Physics 102	8
Appreciation Courses	4
Biology 24	3
Biology 26 or 27	3
Electives	12
Total	36

The technical curricula at the School of Forestry of Duke University are available in duplicated form from the Dean of Admissions, Gettysburg College, or in printed form from the Dean of the School of Forestry, Duke University, Durham, North Carolina.

Cooperative Engineering Program

The faculties of Gettysburg College and the School of Engineering of The Pennsylvania State University have established jointly an educational program of five years' duration, three in liberal arts at Gettysburg College and two in engineering at The Pennsylvania State University, leading to the award of an appropriate degree from each institution. This cooperative program has been created in an effort to fulfill the following objectives:

1. To provide a student with the advantages of general education in a liberal arts institution as well as technological education in a school of engineering, through five years of study instead of six or more years that might be required if both degrees were obtained separately.
2. To permit a student whose aptitude for engineering may be uncertain, or whose decision between engineering and other disciplines may not yet be made, to study both arts and sciences during the first three years of college, during which time he can better determine whether his major interest and ability lie in the field of engineering.
3. To provide a student with a planned sequence of liberal arts courses which, if completed successfully, will guarantee him acceptance at an engineering school at times when student applications to such schools might exceed their capacity.

4. To permit qualified students to receive both a liberal and a technical education at relatively low cost and thus provide the Commonwealth and the nation with more critically needed trained engineers.

The counseling, admission, and transfer of students in this cooperative program are conducted through the following procedures:

1. Application for admission to the program is made to Gettysburg College and the candidate is subject to the admission requirements of that institution.
2. A student indicates his desire to follow the 3-2 program either at the time of his admission to Gettysburg or early enough in his program there to permit him to complete all courses prerequisite to the Engineering course at The Pennsylvania State University, as well as all courses required for graduation from Gettysburg College.
3. Results of aptitude and achievement tests, scholastic records, and other pertinent information are exchanged to aid both institutions in guiding and counseling students and prospective students.
4. At the end of the second semester of the third year, a student becomes a candidate for transfer if he has successfully completed all prerequisite courses, has maintained an over-all average of "C" (a Gettysburg quality point average of 1.00; see page 59), and is recommended for transfer by the faculty of Gettysburg College.
5. At the close of the second semester of the third year the records of all students recommended for transfer are transmitted to the Dean of Admissions of The Pennsylvania State University, and these students are automatically entered in the School of Engineering with junior standing.
6. Detailed information about the requirements for admission and the curriculum of this combined program may be obtained from the office of the Dean of Admissions of Gettysburg College.
7. An entering student planning to follow this cooperative program is enrolled in the pre-engineering curriculum at Gettysburg College.
8. A student recommended for transfer is eligible to enter any of the following engineering curricula with junior standing:

Aeronautical Engineering
Civil Engineering
Sanitary Engineering

Electrical Engineering
Industrial Engineering
Mechanical Engineering

9. This cooperative program does not prepare Gettysburg students for automatic transfer to any other technical curricula conducted at The Pennsylvania State University.
10. The individual courses of study in each curriculum for the work of the fourth and fifth years and the summers preceding and between them are published in the General Catalog of The Pennsylvania State University or can be obtained in duplicated form from the Dean of Admissions of Gettysburg College.
11. A student may choose between taking Physical Education or ROTC. However, after having taken one semester of ROTC, he must complete the basic four semester course in ROTC, at either Gettysburg or Pennsylvania State University.

The Three-Year Pre-Engineering Curriculum at Gettysburg College

Freshman Year		Hrs.	Sophomore Year		Hrs.
Mathematics 2	.....	6	Mathematics 6	.....	6
English A	.....	6	General Education 2	.....	6
General Education 1	.....	6	Literature	.....	6
Bible 1	.....	6	Physics 102	.....	8
Language 1	.....	6	Psychology 1	.....	3
ROTC	.....	4	History 5	.....	3
Descriptive Geometry	.....	2	ROTC	.....	4
Engineering Drawing	.....	2			
Total		38	Total		36

Junior Year		Hrs.
Mathematics 9A	.....	4
Mathematics 9B	.....	4
Physics 2	.....	6
Physics 13	.....	3
Economics 3	.....	3
English 5a, 5b	.....	4
Chemistry 1	.....	8
ROTC*	.....	6
Total		32-38

* Elective

Parish Workers Cooperative Plan

Gettysburg College has entered into an arrangement with the Lutheran Deaconess Training School of Ruxton, Maryland, whereby young women planning to enter the full-time service of the church may receive the degree of Bachelor of Arts by attending Gettysburg College three years, then transferring to the Training School for two years of specialized training. It is understood that in order to be graduated, these students must meet all specific course requirements for the degree including the comprehensive examinations in their major field by the end of the three-year period. The work completed at the Deaconess Training School will be accepted as the equivalent of the final year in college.

Detailed curricula of the last two years may be secured from either of the two Lutheran Motherhouses, *The Baltimore Deaconess Training School*, Boyce Avenue, Ruxton 4, Md., or *The Philadelphia Deaconess Training School*, 801 Merion Sq. Rd., Gladwyne, Pa.

Rules and Regulations

Chapel Attendance

Chapel services are held Tuesday through Friday, from 8:50 to 9:15 A.M. Each student is required to attend two services each week. Two unexcused absences are permitted each semester. A student who fails to meet this requirement, in any given semester, will have one extra semester hour added to his requirements for graduation.

Class Attendance

Each student is responsible for regular attendance at all classes. Unnecessary absences are neither authorized nor approved.

Students who are unavoidably absent from class should apply for an excuse promptly. Absences incurred through official trips of recognized College organizations will be excused on certification of the faculty adviser. Absences such as those caused by family emergency or official interviews may be excused by the Dean. Application for such an excuse should be made prior to the absence whenever possible. When a student is forced to miss class because of illness, he should report at once to the infirmary.

Although no other absences are authorized or excused, in practice a student is allowed without penalty a number of unexcused absences equal to the number of class meetings per week in each course. When the unexcused absences in any course exceed this number, one extra hour will be added to the student's graduation requirement for each such absence. When the number of unexcused absences equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. In special cases an instructor may recommend to the Dean that a student be placed on "cut probation" and allowed no further unexcused absences in that course.

Any unauthorized absence from class within the twenty-four hours before or after a stated vacation will result in the addition of one semester hour to the student's graduation requirement. The *Committee on Absences* may excuse students who must work during the Pre-Christmas holiday season from the penalty hour under the following conditions:

1. No class absences will be excused. The student must save cuts for this purpose.
2. Students on Scholastic Probation and students with mid-term deficiencies will not be considered except in unusual circumstances.

Grading System

<i>Grade</i>	<i>Quality Points</i>	<i>Percent-ages</i>	<i>Description</i>
A	3	100-90	Excellent.
B	2	89-80	Good.
C	1	79-70	Fair.
D	0	69-60	Poor, but passing.
F	—	59- 0	Failing.
I	—	—	Incomplete for reasons beyond student's control.
W	—	—	Withdrew from course without penalty.
WP	—	—	Withdrew from course with a passing grade.
WF	—	—	Withdrew from course with a failing grade.

Withdrawal from Courses

Changes in schedule may be made without penalty during the first ten days of each semester. A student who withdraws from a course within the first three weeks of a term will receive a grade of "W."

After the first three weeks a student may drop a course only with the permission of the instructor, the adviser, and the Dean. In such cases the student will receive a grade of "WP" if he was passing the course at the time of withdrawal or a grade of "WF" if he was failing. A student who withdraws from a course during the last five weeks of a term will receive a failing grade regardless of his standing in the course at that time.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

Quality Point System

Computations

Quality points are allowed according to grade for each semester hour as follows:

$$A = 3, \quad B = 2, \quad C = 1, \quad D = 0$$

When a finer computation is desirable, as in determining honors, the following is official:

$$\begin{array}{llll} A+ = 3 \frac{1}{3} & B+ = 2 \frac{1}{3} & C+ = 1 \frac{1}{3} & D+ = \frac{1}{3} \\ A = 3 & B = 2 & C = 1 & D = 0 \\ A- = 2 \frac{2}{3} & B- = 1 \frac{2}{3} & C- = \frac{2}{3} & \end{array}$$

Grades I, W, and F are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades F and WF are counted as —1.

Minimum Requirements

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester	10
At the end of second semester	26
At the end of third semester	45
At the end of fourth semester	64
At the end of fifth semester	80
At the end of sixth semester	96
At the end of seventh semester	112
At the end of eighth semester	128 or a total equal to the number of hours required for graduation.

Conditions and Deficiencies

No credit is given for a subject reported as F or I. An I not removed within the first six weeks after the semester in which the deficiency was incurred, becomes an F, unless the *Scholastic Standing Committee*,

because of the student's sickness or for an equally good reason, extends the time for removing the I. An F in a course for the first semester debars a student from the course during the second semester unless the department in which the F is incurred consents to the student's continuance. An F remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat an elective course which he has failed without the consent of the department concerned.

Probation

Limited Probation

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean to place the student on limited probation in the course for a period of two weeks. At the end of this period the teacher will ask the Dean :

1. that the probation be continued,
2. that the probation be removed, or
3. that the student be dropped from the course with a grade of F.

At the discretion of the teacher the limited probation may be removed before the end of the two-week period.

General Probation

A student is placed on general probation when he fails to meet all three of the following requirements :

1. passing at least 12 semester hours of work in addition to basic Military Science or Physical Education,
2. meeting the minimum requirements of the Quality Point system,
3. showing reasonable progress toward graduation.

When a student is placed on general probation,

1. he is ineligible to represent the College in intercollegiate activities. He may not participate in any other activities entailing absence from classes, and
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General probation cannot be removed before the expiration of one week.

Special Probation

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

Enforced Withdrawal

Gettysburg College expects all students to accept the responsibilities of mature men and women at all times and to consider carefully the influence of their conduct upon other members of the College family and the community. The College reserves the right of dismissal for conduct unbecoming to a student of Gettysburg College.

Reinstatement

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. Any reinstated student will be on general probation for one year.

General Rules

Automobiles

All students who desire to drive automobiles to, from, or on the Gettysburg College campus are required to register them with the office of the Dean of Men. Limited parking space makes it necessary to regulate driving and parking automobiles on the campus. A detailed statement of the regulations will be issued from the office of the Dean of

Men at the time of registration. Freshmen are not permitted to have cars. With the school year beginning September 1958, only Juniors and Seniors will be permitted to have cars.

Dormitories

Dormitory room assignments are made through the offices of the Dean of Men and Dean of Women. Room assignments may not be changed without permission.

Student Marriages

Any student under twenty-one who plans to marry must, at least two weeks before the marriage, satisfy the Dean of the College that the parents or guardians of both parties have consented to the marriage. Students violating this rule will be subject to dismissal.

Alcoholic Beverages

Possession or use of alcoholic beverages on College property, in dormitories, fraternity houses, or at College functions is prohibited.

College Life

Living Facilities

Dormitory Accommodations. All new students, except those living at home, are required to live in one of the College dormitories. New students must fill out a room application form under the conditions explained in the section "Admission of Students."

Old students make room application to the Dean of Women or the Dean of Men. All women except those living at home are required to room in a regular College dormitory. All men except commuters are required to live in College dormitories or fraternity houses unless space is not available.

Dormitory Furnishings. The College provides a single bed, a mattress, a dresser, a study desk, and a chair for each student. Pillows, linens, blankets, study lamps, draperies, and other accessories must be furnished by the student. A reputable laundry provides linen rental and service. Pictures and other decorations may be suspended only by approved plastic hooks.

Dining Facilities. The College maintains a dining hall at which all women students except those living at home are required to take their meals. All Freshmen male students are required to eat in the College dining hall. Each fraternity operates its own hall for sophomores and upper classmen.

Counseling

Orientation Week. During the first week of the fall term new students participate in a special program designed to help them become adjusted to their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, achievement and placement tests, social meetings with members of the Faculty, and trips to nearby

points of interest. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide an education suited to his needs.

Orientation Program. As a complement to *Orientation Week*, a series of conferences for new students is conducted during the early part of the academic year with the advisers.

Freshman Advisers. As he enters school each Freshman is assigned to a Faculty member who serves as his Adviser for the year. Working under the Director of Guidance, these Advisers meet frequently with their advisees, aiding them in solving their problems of adjustment and scholarship, and assisting them in determining their major fields of study.

At the end of the Freshman year, students elect major fields and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

The Dormitory System. Under the guidance of carefully selected and well-trained Student Counselors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but is designed to give training in the principles of cooperative living.

Student Counseling Service. Under the direction of the Dean of the College, assisted by the Director of Guidance, the Chaplain, the Dean of Men, the Dean of Women, members of the Psychology Department, and the College Physician, a free guidance service is available to assist students with educational, vocational, social, and personal problems. They may seek it voluntarily or may be referred to it by advisers or other Faculty members.

Remedial Reading. Since a student's success in college depends largely upon his ability to comprehend and evaluate written materials, a non-credit course designed to enable the student to increase his reading efficiency is offered to all students each semester, without additional tuition charges.

Lectures and Concerts

The College annually secures widely known scholars, travelers, and outstanding figures in public life to speak on topics of interest to the students and to the community, and, in cooperation with the community,

presents artists and artist groups to give concerts to the College community. Student admission to these lectures and concerts is free.

The 1956-57 series includes the following: Concert, Conchita Gaston; Readings from "Noon Wine," Katherine Anne Porter; Lecture, Charles W. Lowry, Director, FRASCO; Concert, Festival Quartet with William Primrose; Concert, Jule Zabawa; Christmas Concert, the Gettysburg College Choir; Concert, Vienna Academy Chorus; Film, "The East Berlin Revolts of 1953"; Organ Recital, Herbert Springer; Lecture, "Study of Sophocles' Antigone," Robert Goheen; Spring Concert, the Gettysburg College Choir. In addition, many other lectures and films are presented by honorary and departmental organizations.

Bell Lectureship. A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, was given to the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men of the Christian ministry and the conditions of the age qualifying that demand."

Stuckenberg Lectureship. Mrs. Mary G. Stuckenberg gave a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics.

Music

The Gettysburg College Choir is an organization of approximately sixty young men and women. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in the Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

The Chapel Choir participates in the daily Chapel exercise and also appears in concert during the festival seasons of the year.

The Band performs as a marching unit at football games both on campus and away, at parades, community affairs, and various school functions. Following football season the band performs as a concert

organization giving concerts both on and off campus. Students may participate in either or both groups.

The Orchestra performs in recital and in concert and participates in many school functions.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

Dramatics

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative plays a year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, occasional short plays provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

Religious Life

One of the major objectives of Gettysburg College is to create an environment where a student may grow spiritually. The College thinks of itself as a Christian community. As a church-related school, it strives to develop a Christian way of life among the students and faculty. Some of the channels through which students may express their Christian faith are:

Church Services. Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

Chapel Services. Services are held in Christ Chapel, Tuesday through Friday from 8:50 to 9:15 A.M., under the direction of the Chaplain. Tuesday, Wednesday, and Thursday are worship services; Friday is convocation. A Chapel Choir under the direction of the College organist assists in the worship service.

Student Christian Association. The Student Christian Association is a fellowship of students and teachers dedicated to the development of Christian values. This organization, founded in 1867, functions today through a wide variety of projects including weekly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, most of them held in Weidensall Hall. The SCA welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the advisement of the College Chaplain and three Faculty advisers. The SCA is the only group permitted to hold regular religious meetings on the campus.

Vespers. Sunday evenings, under the Chaplain's direction, vesper service is held at 7:30. Student groups take charge of many of the programs, planning and selecting music and speakers.

Christ Chapel is also open every evening (except Saturday). During this half-hour, a student organist plays softly, but there is no planned service—just quiet meditation and prayer.

Chaplain. The College chaplain, whose office is in the SCA building, is available at all times for individual counseling.

Religious Emphasis Week

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussions on some thought-provoking religious theme. This program is known as "Religious Emphasis Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the College.

Publications

The Alumni Bulletin, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

The Gettysburg College Bulletin, Catalog Issue is published in March of each year.

The Gettysburg College Summer Session Catalog is published in March of each year.

The Gettysburgian, the campus newspaper, edited by a staff of students, is published weekly during the college year and prints chiefly College and alumni news and opinions.

The G-Book, a handbook issued to incoming students at the opening of each college year, provides valuable information and suggestions concerning college life and institutions. It is sponsored by the SCA.

Look at Gettysburg, an admissions booklet, published every February furnishes information and illustrations for new students.

The Mercury, a literary magazine edited and published by students of the College under the supervision of the English department, seeks to encourage creative writing by the students.

The Spectrum, the student yearbook, contains pictorial representations of the College with its various organizations, activities, and surroundings, and information about students.

The Woman's League Bulletin, published in December of each year, is a summary of the work of the League for that year.

The purpose of all the publications is to improve communication between the College and its graduates, students, former students, and friends.

Radio Workshop

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs on a regular schedule during the college year.

The Student Chest

A system known as the Student Chest coordinates the finances of student organizations. Under the direction of the *Student Chest Committee*, the fund is distributed to the various student organizations. The fee for this fund is included in the comprehensive fee, thus requests and earnings for money by separate student groups are eliminated.

The Student Senate

The Student Senate, with a membership of about twenty-four, consists of four members of the Faculty and one student representative from each of the living groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

The Inter-Fraternity Council

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, maintains decorum among the community, the College, and the fraternities. This group sponsors the inter-fraternity dances, establishes rules for rushing, and promotes harmonious relations among the fraternities.

The Pan-Hellenic Council

The Pan-Hellenic Council is composed of a Senior and a Junior member from each of the five national sororities represented on the campus. Each sorority has also an alumna delegate. The five major offices are held in rotation by the Senior representatives of the five national sororities. The Council functions as a governing body in all issues involving sororities and inter-sorority relations and fosters harmony between sorority and independent women.

Phi Beta Kappa

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of ten per cent of the Senior class may be elected to this honor society each year. Candidates for membership must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

Fraternities, Sororities, and Societies

Social Fraternities and Sororities

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the College, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities, and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are twelve national fraternities, one local fraternity, and five national sororities.

Alpha Tau Omega	Phi Kappa Psi
Alpha Xi Delta	Sigma Nu
Chi Omega	Phi Mu
Delta Gamma	Phi Sigma Kappa
Kappa Delta Rho	Sigma Alpha Epsilon
Lambda Chi Alpha	Sigma Chi
Phi Delta Theta	Sigma Kappa
*Phi Epsilon Nu	Tau Kappa Epsilon
Phi Gamma Delta	Theta Chi

National Honorary and Professional Fraternities and Fraternity Societies

Alpha Kappa Alpha: a society for students of Philosophy.

Arnold Air Society: a society for superior students in the Advanced Course of Air ROTC.

Beta Beta Beta: a society for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.

Pershing Rifles: a military society for students in the Basic Course of Army ROTC.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army ROTC.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

* Local fraternity.

Local Honorary and Professional Clubs

El Círculo de Español: a club fostering the study of Spanish and Spanish-American culture and encouraging fluency in speaking Spanish.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the Faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Français: a club offering an opportunity to acquire fluency in speaking French.

Pen and Sword: a society honoring Juniors and Seniors of outstanding achievement in activities or athletics.

Pre-Ministerial Association: an organization for students preparing for the ministry.

Sceptical Chymists: an organization of students in Chemistry.

Other Organizations

Alpha Phi Omega: a national service fraternity, composed of former Boy Scouts, pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club: a club consisting of representatives of various campus groups originated to stimulate College spirit and athletic interest within the student body.

Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.

International Club: a club dedicated to the promotion of world peace.

Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.

Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.

Tri-R: an organization of men and women who do not belong to fraternities or sororities.

Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

Athletics

Intercollegiate Athletics

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of

Gettysburg College, the Board of Trustees of the College has authorized an advisory committee on athletics to confer at stated times with those responsible for the athletic program.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

All full-time students are admitted without charge to all contests held on the campus.

Intramurals

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and non-fraternity groups.

The Intramural Program for Men is conducted under the supervision of a faculty director, assisted by the Physical Education majors, and an advisory council consisting of one representative from each participating group. The program of activities includes touch football, volleyball, basketball, tennis, bowling, and softball.

The Intramural Program for Women is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a sports board comprised of student managers for each sport, includes all women students in its membership.

Competitions are arranged among the sororities and the independent women in field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

Student Health Service

In order to be informed adequately of the state of health of each new entrant as soon as he begins his College career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the

College. Each student must present this health form before matriculation.

A student Health Service is maintained for the benefit of all students. An agency of the service is a well-equipped Infirmary, staffed by a Medical Director, Medical Associate, and Registered Nurses. This service entitles each student to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those normally eating elsewhere pay \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor optical or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

Placement Service

Teacher Placement. The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

College Placement. The College operates a general placement service for its students and alumni. The Director of Placement, in cooperation with the Dean and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Director of Guidance and Placement early in their Senior year.

Departmental Placement. The administration and Advisers informally assist students in securing employment or placement in graduate school.

Honors, Prizes, and Scholarships

Senior Honors

The following honors are awarded at the close of each academic year to members of the graduating class under the conditions stated below:

Valedictorian. The highest scholastic average during the last three years, the Senior Comprehensive Examination passed "with highest honors."

Salutatorian. The second highest scholastic average during the last three years, the Senior Comprehensive Examinations passed "with highest honors."

Summa cum laude. Senior Comprehensive Examination passed "with highest honors," four-year quality point average of 2.75 or higher.

Magna cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.50 or higher.

Cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.30 or higher.

These honors are based on four-year records and are primarily for students with four years of residence at Gettysburg College. However, upon the recommendation of the Registrar, the *Scholastic Standing Committee* may grant *summa cum laude*, *magna cum laude*, or *cum laude* honors to transfer students who have satisfied the conditions of the honor during at least two full years of residence at Gettysburg and who have presented excellent transfer grades.

Departmental Highest Honors. Recommendations by the major department, a quality point average of 2.75 or higher in the major subject during the last three years, presentation of a thesis (or its equivalent) satisfactory to the department, Senior Comprehensive Examinations passed "with highest honors."

Departmental Honors. Recommendation by the major department, a quality point average of 2.50 or higher in the major subject during the

last three years, Senior Comprehensive Examinations passed "with highest honors" or "with honor."

A transfer student with at least two full years of residence at Gettysburg is eligible for *Departmental Highest Honors* or *Departmental Honors* on the basis of grades attained at the College if he meets all other conditions.

Other Honors

Class Honors for Freshman, Sophomore, Junior and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of A in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of A in at least half of the work of the year and do not have a grade below B in any of their studies for the year.

Dean's Scholastic Honor List. Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence.

Advanced credits granted to veterans for work in United States Armed Service Schools will be counted as residence credits in awarding all honors.

Note: Basic courses in the required Physical Education or Reserve Officers' Training Corps are not considered in computations for honors and prizes.

Prizes

The following prizes are offered annually for outstanding scholarship and achievement:

Baum Mathematical Prize: The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

The Charles W. Beachem Athletic Award: The Student Christian Association presents each year an award in the form of a cup, in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior class.

Beta Beta Beta Junior Award: The sum of \$10.00 to the Junior Biology major who is an Active Member of Beta Beta Beta and who has shown outstanding proficiency in the biological sciences during five semesters of college work. The award is based on interest, attitude, character and scholarship.

Beta Beta Beta Provisional Award: The sum of \$10.00 to the Biology major who has become a Provisional Member of Beta Beta Beta during the year in which the award is given. Interest, attitude, character, scholarship, and the arrangement of a display are taken into consideration.

Chi Omega Social Science Award: The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

Delta Gamma Alumnae Association Award: The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

Delta Phi Alpha Prize: A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

Anthony di Palma Yearly Memorial Award: Presented to the Junior having the highest marks in History. Everything else being equal, preference is given to a member of the Sigma Chi Fraternity.

Samuel Garver Greek Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

Samuel Garver Latin Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

Graeff English Prize: This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on an assigned subject.

John Alfred Hamme Award: Established in 1948-49 by John Alfred Hamme, York, Pa., three awards of \$50 each to the three Juniors who

have demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

Hassler Latin Prize: The income from a fund of \$500, contributed by Charles W. Hassler, is annually awarded to that student of the Junior class who, at the end of the year, is rated as the best Latin student.

Frank H. Kramer Award: Established in 1956 by the Phi Delta Theta Fraternity awards \$25.00 annually to a Senior for excellence in the Department of Education.

Military Memorial Prize: The income from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is divided equally between the Military Science and the Air Science Departments as awards for the third-year students who achieve the highest grades in the respective courses of these departments.

Franklin Moore Award: This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal activities has contributed the most toward campus morale and the prestige of Gettysburg College.

Muhlenberg Freshman Prize: The income of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

Nicholas Bible Prize: The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

Phi Sigma Iota Prize: The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

Sceptical Chymists Prize: The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

Stine Chemistry Prize: The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Samuel P. Weaver Scholarship Foundation: Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this foundation awards the sums of \$50 and \$25 to those two members of the student body who write the best essays on an assigned topic in the field of constitutional law and government.

Edwin and Leander M. Zimmerman Senior Prize: The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

Note: Only students who have been in attendance during all of the period for which prizes are designated are eligible for the awards.

Scholarships and Aid for Students

Qualifications for a Scholarship. In granting aid, the *Committee on Scholarships* is governed primarily by *character*, *need* for assistance, and *academic ability*. In addition, the Committee may consider promise of a contribution to the College through outstanding service.

Because the fundamental purpose of a scholarship at Gettysburg College is to assist worthy students who otherwise could not attend except by undue sacrifice on the part of the parents in securing a college education, the principal emphasis in a grant is on the *need* of the applicant. Some preference is given where two or more children from the same family are attending Gettysburg College simultaneously. Under certain conditions, the children of ULCA clergymen, not receiving aid from other sources, may be granted a discount in tuition.

Gettysburg College uses the scholarship services of the College Entrance Examination Board. All new applicants for a scholarship should secure a "College Scholarship Service" blank from any one of the College Board Colleges. The service forwards the scholarship information to the schools to which the applicant is applying for a scholarship.

All new students should present applications no later than April 15th.

Students who have had a scholarship grant previously should secure a renewal blank from the Registrar's office and return it no later than May 1st.

Conditions of a Scholarship Grant

1. Scholarships are awarded for one year at a time. Ordinarily they are renewable, upon application, if the original conditions continue.

2. Scholarship aid is never granted to a student for more than eight semesters. There are no scholarships available during a Summer Session.

3. A student placed on disciplinary probation automatically loses all scholarship aid, effective immediately.

A student placed on scholastic probation two successive semesters will be deprived of his scholarship.

4. Scholarships may be awarded in varying amounts but in no case will exceed \$575 annually.

5. The amount granted for a scholarship is applied as a credit on the College bill.

Types of Scholarships

The following sections describe the types of scholarships and other forms of aid available. All are granted under the qualifications and conditions previously explained.

General College Scholarships

The returns from an endowment and funds from other sources have been set aside to assist worthy students. New students should apply for College Scholarships, for rarely can they qualify for the special conditions called for in the Endowed Scholarships. These College Scholarships are granted in various amounts according to the need of the student, but never for more than \$575.

Competitive Scholarships

The College offers a number of scholarships granted on the basis of competitive examinations to high school seniors who rank academically in the upper quarter of the graduating class and who have an unqualified character recommendation from their school.

These scholarships range from \$500 annually for each of four years for a total of \$2,000 each down to \$100 annually for each of four years for a total of \$400 each. The examinations required for the 1957 scholarships are the morning program of the College Entrance Examination Board to be taken preferably in January but no later than March and the Gettysburg Examinations administered at Gettysburg only on April 13, 1957. The date for the 1958 Gettysburg Examinations will be announced early in the school year 1957-58.

Endowed Scholarships

Endowed funds have been set up for the award of scholarships under the conditions described in each of the following grants:

The Armstrong Scholarship: The Armstrong Cork Company furnishes a scholarship covering tuition, fees, and books to one deserving man during his junior and senior years. Sophomores majoring in Business Administration or Science are eligible to apply for this grant.

Frank D. Baker Bequest: The sum of \$300 annually is available through the generous bequest of Frank D. Baker to aid students in immediate need of financial assistance. This fund is to be administered by the President of the College.

Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund: The income from \$2,500 donated by the Woman's League of Gettysburg College is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

Dr. Ray Alfred Barnard Scholarship Fund: The income from \$1,200 is to be given each year to a male student of Gettysburg College who shall be a member of the Lutheran Church who is preparing for the ministry in the Lutheran faith, and who shall also be a member of the Central Pennsylvania Synod of the United Lutheran Church in America.

Bateman Scholarship: The Rev. Sydney E. Bateman, M.D., Class of 1887, established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry.

Jessie E. Benner (1907) and Minerva B. Benner Scholarship Fund: The income from \$10,000 is to be used to aid worthy students financially in need. The student or students to be aided shall be preferably, but not necessarily, those studying for ministry of the Gospel.

Blough Scholarships: Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund of \$5,000. The income from this fund is to be used to aid needy and deserving students.

Cambridge Rubber Foundation Scholarship: Funds made available through the generosity of the Cambridge Rubber Foundation, Inc., provide a sum of \$200 per year to be granted to one or two entering Freshmen. In rare instances this sum may be granted to an upperclassman if, in the opinion of the Committee on Scholarships, the upperclassman is better qualified and more deserving.

Class of 1913 Scholarship Fund: The income from a fund of \$3,000 is to be given each year to a needy and deserving student.

Class of 1916 Scholarship Fund: The income from a fund of \$1,370 is to be given to a needy and deserving Sophomore.

Class of 1918 Scholarship Fund: The income from a fund of \$3,655 is available each year for a needy and deserving student or students.

Jacob Charles and Rosa Bott Eisenhart Scholarship: The income on a fund of \$6,500, established by the J. C. Eisenhart Wall Paper Company, is available each year toward the payment of the tuition of deserving students preparing to become Lutheran Missionaries, or planning to attend a Lutheran Seminary.

Clarence A. and Myrtle B. Eyler Scholarship: The income on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

Margaret E. Fisher Memorial Fund: Nelson F. Fisher, M.D., '18, contributed a fund of \$6,000 in memory of his mother, Margaret E. Fisher, the income on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

Dr. D. F. Garland, '88, Scholarship: The income from a fund of \$500 will be given each year toward the payment of the tuition of deserving young people preparing for the Lutheran ministry.

The Henry W. A. Hanson Scholarship Foundation: This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his

distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient is chosen from the members of the Senior class who expect to enter graduate school in preparation for college teaching. The applicant must have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior class is chosen, the Committee may select a member of a previous class. The grant is the income from a fund of \$8,911.

Kirschner Scholarships: Mr. and Mrs. C. J. Kirschner established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

Lutheran Brotherhood Scholarships: Two scholarships established by the Lutheran Brotherhood Life Insurance Society to be presented to Junior Lutheran students at the time of their registration as Seniors. These students must, in the opinion of the *Committee on Scholarships*, be outstanding in religious leadership and scholastic ability and other qualifications determined by the Committee.

McCollough Scholarships: These scholarships were established in memory of Charles B. McCollough, Jr., by his parents, Mr. and Mrs. Charles B. McCollough, Sr., and his great uncle, Mr. H. B. Earhart. The income from a fund of \$17,143.75 is awarded annually to two men and two women at Gettysburg College on the basis of character, need, and ability.

Dr. John E. Meisenhelter Scholarship: This award is the income from a bequest establishing a scholarship amounting to \$300 a year. The principal is held in the permanent Endowment Fund.

J. Elsie Miller Scholarship: The income on a fund of \$5,000, bequeathed by J. Elsie Miller, is available each year toward the payment of the tuition of deserving young men preparing for the Lutheran ministry.

Miller-Dewey Education Fund: The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving

persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans' Home have the first claim on these scholarships.

C. H. Musselman Company Scholarship: Funds made available through the generosity of the Musselman Foundation provide each year one four-year scholarships in the amount of \$725 per year. If more than one applicant should meet the general qualifications for this scholarship, preference shall be given to the applicant who has selected or signifies his or her intention of selecting chemistry or business administration as the major course of study. This factor shall be disregarded if no applicant has selected or signified his or her intention of selecting either chemistry or business administration as the major course of study.

Nellie and Bernard Oller Memorial Scholarship: The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

Lovina Openlander Scholarship: The income from \$3,000 is to be used for providing scholarships in the amount of \$50 each to aid young men or women who are in need of financial assistance in order to continue their College work.

Parent Education Society Scholarship Loans: The Parent Education Society of the Evangelical Lutheran Church in the United States many years ago placed \$5,000 in the Endowment Funds of the College, the income from which is to provide ten scholarship loans each year valued at \$20 each. These scholarship loans may be granted to one or more persons selected by a committee comprised of the President of Gettysburg College and the President of the Lutheran Theological Seminary of Gettysburg.

The person or persons selected must be bona fide students for the ministry, and meet all the requirements for recipients of scholarships. The amount granted will be used to meet the tuition cost of the student, and he will be asked to sign a promissory note which will be automatically cancelled after the recipient serves two continuous years in the ministry.

Presser Foundation Scholarship: The Presser Foundation Scholarship of \$350.00 is awarded annually to one or more students in the School of Music who, in the opinion of the Music Staff, now show su-

perior promise in the field of Music. Preference is given to those who expect to major in Music Education.

Edgar Fahs Smith Memorial Scholarship Fund: The income from a fund established by Margie A. Smith to be used to pay the tuition of one or more deserving students specializing in chemistry. This scholarship is held in abeyance under the terms of the bequest to allow the growth of the principal to the necessary amount.

Stine Scholarships: Charles M. A. Stine, Ph.D., Sc.D., LL.D., Class of 1901, established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

Rufus B. Weaver Scholarship Foundation: The income from a fund of almost \$20,000 established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

Wellington Scholarship: The income on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

Synod of West Virginia: The Synod of West Virginia of the United Lutheran Church in America has made available two scholarships in the amount of \$225 each. These scholarships are available to young men or women who are active members of a congregation of the Synod of West Virginia, are enrolled as entering Freshmen, and have stood in the upper third of their graduating high school class.

These scholarships are awarded by the Synod Scholarship Committee. All applications should be sent to this committee. Address all communications to The Reverend George W. Schillinger, D.D., Chairman, Committee on Scholarships, 1596 Lee St., Charleston, W. Va.

York-Shipley Scholarship: A scholarship in the amount of \$575 each year for four years, for one student, has been established through the generosity of York-Shipley, Inc., of York, Pa.

The scholarship will be awarded to an outstanding male student, preferably from York County who plans to major in Business Administration. Scholarship, citizenship and examination scores constitute the criteria for granting this award.

Loan Fund

Alumni Loan Scholarship Fund: By resolution of the Alumni Council a portion of Loyalty Fund collections (in the amount of \$8,019) has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class is graduated from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum. This fund was augmented \$1,000 in 1956 by a donation by H. F. Widman, Class of 1921.

Class of 1909 Fund: A revolving fund amounting to about \$2,000 has been established by the Class of 1909 for the purpose of aiding worthy students.

The Daughters of Union Veterans of the Civil War have established a "Grand Army of the Republic Living Memorial Scholarship Fund" of \$2,500 to be used as a loan fund.

Morecraft Loan Scholarship: The St. James Lutheran Church of Stewart Manor, Long Island, has established a fund of \$1,000 in honor of its late Pastor Edward J. Morecraft. This fund is to be used to assist worthy students under the same conditions as the Alumni Loan Scholarship Fund.

Rothfuss Loan Scholarship: E. Lloyd Rothfuss, M.D., Class of 1916, established a memorial to his father and mother, Charles H. Rothfuss and Martha Huffman Rothfuss, in the form of a \$6,000 loan scholarship fund. This fund is to be administered under the same terms as the *Alumni Loan Scholarship Fund*.

Other Financial Aid

Campus Opportunities

1. *Gettysburg College* is prepared to grant work opportunities to a limited number of deserving students. A work opportunity is a guarantee that there will be available enough work on the campus for the recipient to earn a sum equal to the amount granted.

If studies or illness interfere with the completion of the assigned work, the College will credit the unearned portion to the student's account as if earned.

2. The *Gordon-Davis* service agents: Two or three students may earn substantial sums collecting and distributing room linens serviced by the Gordon-Davis Linen Supply Company. The *Scholarship Committee* selects these agents each year.

Reserve Officers' Training Corps

Students enrolled in the ROTC Program receive monetary commutation in lieu of rations at the rate of ninety cents per day from the date of their enrollment in the *Advanced Course* until graduation, except during the Summer Training period, when they receive regular basic pay. Basic Cadets are loaned uniforms by the College or Government. Advanced Cadets are given tailor-made uniforms which they retain upon graduation and commissioning. Total remuneration during the *Advanced Course*, including value of the uniform, is approximately \$700.

Work-in-Town Opportunities

Each year students take part-time work in the community. The College assists some students in work placement, but takes no direct responsibility.

Courses of Instruction

General Education Courses

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the department isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer and creator of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses. The first two are required of all A.B. candidates.

1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MESSRS. BLOOM, CRAPSTER, DARRAH, DUNKELBERGER, EDDINS, FORTENBAUGH, GLATFELTER, HAMMANN, HENSLER, HURLEY, L. JOHNSON, RICHARDSON, SCHUBART, STOKES, TRONE, and ZAGARS

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages.

Six semester hours credit.

Required of all A.B. Freshmen. Three hours, throughout the year.

2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MESSRS. AHRENS, DARRAH, HELD, LINDEMAN, MASON, PICKERING, SHAFFER, SUNDERMEYER, and WOLFINGER; and MMES. MCLENNAND, TAYLOR, and TOWNSEND

An introduction to the ideals and forms of Western thought, presented through reading and interpretation of selected classics: Homer through Virgil and St. Augustine through Goethe.

Six semester hours credit.

Required of all A.B. Sophomores. Three hours, throughout the year.

3. WORLD LITERATURE SINCE 1830

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

Six semester hours credit.

Elective for Juniors and Seniors. Three hours, throughout the year.

Departmental Courses

Biblical Literature and Religion

Professor WALTEMYER, *Associate Professor* DUNKELBERGER, *Assistant Professor* FREED, *and Instructors* HAMMANN and TRONE

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Students majoring in this department are required to have a minor in Greek or Latin.

1a. OLD TESTAMENT HISTORY

MESSRS. DUNKELBERGER,
FREED, HAMMANN, TRONE, and WALTEMYER

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ. *Three semester hours credit.*

Required of all Freshmen. Three hours, first semester.

1b. LIFE OF CHRIST

MESSRS. DUNKELBERGER,
FREED, HAMMANN, TRONE, and WALTEMYER

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its eternal significance.

Three semester hours credit.

Required of all Freshmen. Three hours, second semester.

4. CHURCH HISTORY

MR. DUNKELBERGER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

Three hours, throughout the year.

Six semester hours credit.

6. EVIDENCES OF CHRISTIANITY

MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history; deals with the questions which arise in the effort to intellectualize the content of the Christian revelation.

Three semester hours credit.

Three hours, second semester. Alternates with Course 15.

Not given 1957-1958.

8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day.

Three semester hours credit.

Three hours, second semester.

10. NEW TESTAMENT HISTORY AND LITERATURE MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul. *Three semester hours credit.*

Three hours, first semester.

12. THE HEBREW PROPHETS MR. FREED

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles to the present social order. *Three semester hours credit.*

Three hours, first semester.

13. CONTEMPORARY RELIGIOUS THOUGHT MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases today. *Three semester hours credit.*

Three hours, first semester.

14. INTRODUCTION TO RELIGIOUS EDUCATION MR. TRONE

The principles and methods of religious education applicable to the Sunday School, the Week-day Church School, and the Daily Vacation Bible School. The members of the class will conduct a Week-day Bible School in Christ Lutheran Church. A limited number of students will be accepted.

Prerequisite: Six semester hours of Bible. *Six semester hours credit.*

Three hours, throughout the year.

15. PSYCHOLOGY OF RELIGION MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development. *Two semester hours credit.*

Two hours, second semester.

16. THE GOSPEL OF JOHN MR. FREED

The chief emphasis will be given to the thought and content of the gospel itself. An effort will be made to discover some of the various forms of the thought background of the gospel, especially that of the Old Testament. There will also be some study of the gospel in its relationship to the Synoptic Gospels and to the First Epistle of John. *Two semester hours credit.*

Two hours, second semester.

Biology

Professor BOWEN, Associate Professor MESSER, Assistant Professors BARNES and GILFORD, Instructor WILLIAMS, Lecturers H. DARRAH and W. DARRAH, and Assistants

The courses in this department are designed to provide an understanding of the basic principles of general and comparative biology. Emphasis is placed on the following features: the cultural values of biological science; the correlation of biology with sociology, psychology, anthropology, and paleontology, and the integration of biology with other areas of human knowledge and experience, biological principles in relation to human life; fundamental training for students who plan to enter schools of medicine, dentistry, nursing, forestry, laboratory technology, or other professional biological fields.

Requirements for a major include a minimum of 32 semester hours as approved by the adviser. A premedical major in Biology includes Biology 11 and 12, (or Biology 1), 23, 31, 33, and such other courses in Biology, and in Physics, Chemistry, English and modern foreign languages as are arranged by the adviser.

1. GENERAL BIOLOGY

MR. GILFORD, MISS WILLIAMS,
MRS. DARRAH, and ASSISTANTS

Basic principles of structure and function in plants and in animals, including man.

Eight semester hours credit.

Three class hours and three laboratory hours, throughout the year.

11. GENERAL BOTANY

MR. DARRAH

An introduction to the biology of plants, presenting basic principles and emphasizing the position of plants in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

12. GENERAL ZOOLOGY

MR. BARNES

An introduction to the biology of animals, presenting basic principles and emphasizing the position of animals in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

21. VERTEBRATE ZOOLOGY

MR. MESSER

Representative vertebrates, with special emphasis upon structure, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals.

Four semester hours credit.

Prerequisite: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester.

23. COMPARATIVE ANATOMY OF VERTEBRATES

MR. MESSER

Detailed examination of the origins, structure, and functions of the principal organs of typical fishes, amphibians, reptiles, birds, and mammals. Special at-

tention is given to the progressive modification of organs from lower to higher vertebrates. *Eight semester hours credit.*

Prerequisite: Biology 1 or 11 and 12.

Three class hours and three laboratory hours throughout the year.

24. BOTANY

The identification and classification of plants; the origin and distribution of plants; the importance of plants in human affairs, including history, culture, and social customs. Emphasis on field work. *Three semester hours credit.*

Prerequisite: Biology 1 or Biology 11. Two class hours and three field or laboratory hours, second semester.

25. CONSERVATION

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Three semester hours credit.*

No prerequisites. Two class hours, and field trips as arranged, first semester. Not given 1957-1958.

26. FIELD WORK IN BIOLOGY: PLANTS AND INVERTEBRATES

MR. BARNES

The identification and distribution of plants and animals and the mutual relations between organisms and their environment. Emphasis upon plants and invertebrate animals. *Three semester hours credit.*

Prerequisites: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, second semester.

27. ECOLOGY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations. *Three semester hours credit.*

Prerequisite: Biology 1 or 11 and 12. Two class hours, and field trips as arranged, first semester.

Not given 1957-1958.

28. FIELD WORK IN BIOLOGY: PLANTS AND VERTEBRATES

MR. GILFORD

The identification and distribution of plants and animals, and the mutual relations between organisms and their environment. Emphasis upon plants and vertebrate animals. *Three semester hours credit.*

Prerequisite: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, first semester.

Not given 1957-1958.

31. MICROSCOPY AND MICROTECHNIQUE

MR. BOWEN

Theory and use of the microscope and other types of optical instruments; the handling of microscopic objects; the techniques of preparing materials for microscopic investigation. *Four semester hours credit.*

Prerequisites: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester.

32. HISTOLOGY

MR. BOWEN

The microscopic structure, origin and function of individual cells, the fundamental tissues, and the principal organs of the animal body.

Four semester hours credit.

Prerequisites: Biology 1 or 11 and 12 and Biology 21 or 23. Three class hours and three laboratory hours, second semester.

33. EMBRYOLOGY

MR. BARNES

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development.

Four semester hours credit.

Prerequisite: Biology 1 or 11 and 12 and 21 or 23. Three class hours and three laboratory hours, first semester.

36. MAMMALIAN ZOOLOGY

MR. MESSER

Detailed structure of a typical mammal and an introduction to human anatomy and physiology.

Four semester hours credit.

Prerequisites: Biology 21 or 23. Three class hours and three laboratory hours, second semester.

37. PARASITOLOGY

MR. GILFORD

An introduction to the general principles of parasitism with emphasis upon the evolution, taxonomy, morphology and physiology of animal parasites.

Four semester hours credit.

Prerequisite: Biology 1 or 12. Three class hours and three laboratory hours. First semester.

38. INVERTEBRATE ZOOLOGY

MR. BARNES

The anatomy, physiology, embryology and natural history of the major groups of invertebrates and a consideration of the principles of invertebrate phylogeny.

Four semester hours credit.

Prerequisite: Biology 1 or 12. Three class hours and three laboratory hours. Second semester.

Not given 1957-58.

41. GENERAL MICROBIOLOGY

MR. BOWEN

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa. *Four semester hours credit.*

Prerequisites: Biology 1, or 11 and 12. Three class hours and three laboratory hours, first semester.

Not given 1957-1958.

43. PRINCIPLES OF HEREDITY

MISS WILLIAMS

The fundamental principles of heredity as observed in common plants and animals, including man, and the relationships between heredity and development, physiology, and evolution. *Two semester hours credit.*

Prerequisites: Biology 1 or 11 and 12. Two class hours, first semester.

Not given 1957-1958.

44. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time. *Two semester hours credit.*

No prerequisite: Two class hours, second semester.

Not given 1957-1958.

45. GENERAL PHYSIOLOGY

MR. BOWEN

The structural and functional bases of plant and animal reactions; the mechanics and dynamics of living matter. *Four semester hours credit.*

Prerequisites: Biology 1, or 11 and 12, and 21 or 23. Three class hours and three laboratory hours, second semester.

51. BIOLOGICAL SEMINAR

MR. BOWEN

A survey of the field of biology; the history of biology; the use of scientific publications, including recent biological texts and current journals.

Three semester hours credit.

Course advised for Junior or Senior Biology majors. Three class hours, first semester.

55. PROBLEMS IN BIOLOGY

STAFF

An introduction to special techniques and methods in biological investigation. Offered to Junior or Senior Biology majors who have the approval of the department for this particular course.

Maximum credit of four semester hours each semester.

Hours and credit as arranged.

Chemistry

Professors ZINN and SLOAT, Associate Professor WEILAND, and Assistants

Requirements for a major include 1, 2a, 2b, 4, and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors will take advanced courses according to their needs and upon the advice of the head of the department.

1. GENERAL CHEMISTRY

MESSRS. SLOAT, WEILAND,
ZINN, and ASSISTANTS

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds, and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems.

Eight semester hours credit.

Two lectures, one recitation, and three laboratory hours, throughout the year.

2a. QUALITATIVE ANALYSIS

MR. WEILAND

Comprehensive study of chemical equilibrium and its application to inorganic qualitative analysis. Laboratory is on a semimicro scale.

Four semester hours credit.

Prerequisites: Chemistry 1 and Mathematics 1 or 2. Two lectures and six laboratory hours, first semester.

2b. QUANTITATIVE ANALYSIS

MR. WEILAND

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

Four semester hours credit.

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.

3. ADVANCED ANALYTICAL CHEMISTRY

MR. WEILAND

Discussion and laboratory practice of gravimetric separations, volumetric and colorimetric analysis, and organic combustion methods.

Recommended to prospective graduate students and industrial chemists.

Four semester hours credit.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.

4. ORGANIC CHEMISTRY

MR. ZINN

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common com-

pounds together with the study of their properties and technique of preparation in the laboratory. *Eight semester hours credit.*

Prerequisites: Chemistry 1, 2a, and 2b. Three lectures and three laboratory hours, throughout the year.

5. PHYSICAL CHEMISTRY

MR. SLOAT

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice. *Eight semester hours credit.*

Prerequisites: Chemistry 1, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

6. SPECIAL QUANTITATIVE METHODS

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

Hours and credit as arranged up to four semester hours.

Prerequisites: Chemistry 1, 2a, 2b, and 3.

8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists. *Eight semester hours credit.*

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

9. TEACHER'S COURSE

MR. SLOAT

A course designed to acquaint the prospective teacher with the practical aspects of administration and conduct of an elementary course in Chemistry. It consists of three hours of practical laboratory and a one hour seminar in which the student studies and becomes familiar with such subjects as the historical background of chemistry, the use of the scientific method in teaching chemistry, the selection and evaluation of texts, the problems of the teacher, the conduct of science and photographic clubs, the study of scientific periodicals, and reference books, the conduct of research, the writing of technical papers, the care of the stock room, and the ordering of chemicals. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

Four semester hours credit.

One lecture and three laboratory hours, throughout the year.

Dramatic Arts

Professor ARMS

1a. APPRECIATION OF THE THEATRE

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

One hour, throughout the year.

Two semester hours credit.

2. TECHNIQUE OF THE THEATRE

MR. ARMS

Theory and practice of acting and production.

Two hours, throughout the year.

Four semester hours credit.

Economics and Business Administration

Professor STOKES, Associate Professor ZAGARS, Assistant Professors BAIRD, HURLEY, and WILLIAMS, Assistant Instructor SHOEMAKER and Assistants

The courses offered in this department are designed to provide an understanding of the principles of economic behavior. Both theoretical and applied courses are designed to meet the needs of students who intend to enter graduate and professional schools, or plan a career in business or government. Fundamentals rather than techniques are stressed.

Students may select either Economics or Business Administration as their major field.

Economics

The requirements for a major in Economics are a minimum of 24 semester hours including courses 3, 15, 16, and 18, and Mathematics 23 (Statistics). In addition all majors are required to take Political Science 1a (American Government), and are advised to take Economics 4 (Accounting).

3A. PRINCIPLES OF ECONOMICS

STAFF

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. It is not acceptable in partial fulfillment of the major and minor requirements of the department.

Three semester hours credit.

Three hours, second semester.

3. PRINCIPLES OF ECONOMICS

STAFF

Economic principles, problems, and policies, with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

Required of all majors and minors in Economics. Recommended for all Political Science majors. Prerequisite for all other courses in Economics.

Sophomore course. Three hours throughout the year. *Six semester hours credit.*

11. LABOR RELATIONS

MR. SHOEMAKER

Background for understanding and analyzing labor relations. Labor union history, organization, and operation; labor market analysis and employment practices; labor legislation; collective bargaining; the rights and responsibilities of employers and employees. *Three semester hours credit.*

Junior and Senior Course. Three hours, second semester.

14. TRANSPORTATION

MR. HURLEY

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

15. ECONOMIC ANALYSIS

MR. WILLIAMS AND MR. ZAGARS

An analysis of current theory and problems. *Three semester hours credit.*

Senior course. Required for all Seniors.

Three hours, either semester.

16. MONEY AND BANKING

MR. STOKES

The nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy. *Three semester hours credit.*

Junior and Senior course. Three hours, either semester.

18. HISTORY OF ECONOMIC THOUGHT

MR. ZAGARS

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time.

Three semester hours credit.

Three hours, second semester. Senior course.

19. PUBLIC FINANCE

MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions; the various types of taxes and their economic effects; fiscal policy; the budget; management of the public debt.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

20. INTERNATIONAL ECONOMICS

MR. ZAGARS

International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies. *Three semester hours credit.*

Junior and Senior course. Three hours, first semester.

21. BUSINESS CYCLES AND FORECASTING

MR. HURLEY

This course examines the economic factors underlying cyclical variations in economic activity; cycle theories; behavior of selected domestic and international indicators of business fluctuations; forecasting techniques; control of cycles.

Three semester hours credit.

Junior and Senior course, second semester.

23. COMPARATIVE ECONOMIC SYSTEMS

MR. ZAGARS

A comparative study of the existing economic Systems.

Three semester hours credit.

Senior course, second semester.

AMERICAN ECONOMIC HISTORY

See History 5.

ELEMENTARY STATISTICS

See Mathematics 23.

Business Administration

The requirement for a major in Business Administration is 30 semester hours. Courses 3, 4, and 15 are required and the remainder of the subjects may be selected from any of the courses listed below or from those listed under Economics. All majors are further required to take Political Science 1a.

1. ECONOMIC GEOGRAPHY MESSRS. HURLEY, SHOEMAKER, AND WILLIAMS

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources.

Three semester hours credit.

Open only to Freshmen, except with special permission of department. Three hours, first semester.

2. INDUSTRIES OF THE UNITED STATES

MESSRS. HURLEY, SHOEMAKER AND WILLIAMS

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on their geographic basis, historical evolution, current economic position, and problems.

Freshman course. Three hours, second semester. *Three semester hours credit.*

4. ELEMENTARY ACCOUNTING

MR. BAIRD

Fundamental principles of modern accounting procedure, preparation of basic financial statements.

Six semester hours credit.

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

5. INTERMEDIATE ACCOUNTING

MR. BAIRD

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements. *Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

6. ADVANCED ACCOUNTING

MR. BAIRD

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships, and governmental and institutional accounting. *Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.
Not given 1957-1958.

COST ACCOUNTING

See Mathematics 25.

MATHEMATICS OF INVESTMENT

See Mathematics 21.

7. FEDERAL TAXES

MR. BAIRD

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required.

Three semester hours credit.

Prerequisite: Economics 5. Three hours, second semester.

8. MARKETING PRINCIPLES AND PRACTICES

MR. SHOEMAKER

An analysis of the marketing structure underlying the sale and movement of goods from the producer to the final buyer, with a view toward determining the principles and practices conducive to more efficient marketing management.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

9. AUDITING

MR. BAIRD

Principles and procedures of auditing, including preparation of audit programs, preparation of the working papers, and the writing of the audit report.

Three semester hours credit.

Prerequisite: Economics 5.

10. BUSINESS LAW

MR. STOKES

Legal rights and obligations arising out of common business transactions.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

12. INDUSTRIAL MANAGEMENT**MR. WILLIAMS**

An introduction to the field of industrial management with special emphasis on economic background, financing, research, engineering, etc. Plant site selection, layout, production control, budgeting, purchasing, internal coordination and control.

Three semester hours credit.

Senior course. Three hours, either semester.

13. PERSONNEL MANAGEMENT**MR. WILLIAMS**

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination.

Three semester hours credit.

Prerequisite: Economics 11. Senior course. Three hours, either semester.

17. CORPORATION FINANCE**MR. HURLEY**

This course deals with the raising and administering of the funds used in the modern corporation. Topics covered include: corporate organization; stocks and bonds; principles of long-term finance; management of working capital and income; security exchanges; corporate expansion, failure and reorganization.

Three semester hours credit

Senior course. Three hours, first semester.

Education

Professor ROSENBERGER, Associate Professor JOHNSON, Assistant Professor SHAND, and Mr. DUCK

Gettysburg College is accredited by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Secondary School Academic Subjects (Grades 7-12).

Public School Music (Grades 1-12).

Physical Education.

The Department provides the proper courses for certification in most of the other States with particular attention to New Jersey, Maryland, and Delaware. Those interested in teaching in private schools should also plan to include professional education courses in their program of studies.

A student planning to teach should have a conference with the Chairman of the Education Department before planning the courses for the Sophomore year, or as early as the decision to teach is reached. All students planning to teach must take General Psychology (Psychology 1) in the Sophomore year.

The privilege of taking the course in student teaching (Education 11) is restricted to students who have the recommendation of the Department Chairman in their major field. A passing grade must have been attained in all courses pursued the previous semester. Final approval may be dependent upon the candidate satisfactorily passing a speech test and final review by the Committee on Teacher Training.

Students interested in teaching should seek opportunities to work with children and youths in church activities, YWCA and YMCA, scouting, summer camp work, etc.

*Certification Requirements for Secondary School Teachers in
Pennsylvania and New Jersey*

PENNSYLVANIA

Requirements for the Provisional College Certificate:

Teaching Subjects:

Academic subjects: 18 hours in each subject. Certification in Social Studies will be granted by offering 9 hours in History and 3 hours in each of the following fields: Sociology, Political Science and Economics. Qualification to teach General Science is fulfilled by certification in biological science or physical science.

Music: complete the requirements for Bachelor of Science in Music Education.

Physical Education: complete requirements as enumerated by the Department of Health and Physical Education.

Education Courses:

Education 5, 6, 11, and six hours of approved electives. A course in Audio-Visual Education (Education 10) is required for making the Provisional College Certificate permanent.

History Courses:

A course in United States and Pennsylvania History is required for certification in Pennsylvania. History 6 is recommended for those not intending to teach History. History 3 and 6 are recommended for those planning to teach History.

NEW JERSEY

Requirements for the Secondary certificate:

General:

A bachelor's degree, to include 30 hours of general background courses distributed in at least three of the following fields: English, Social Studies, Science, Fine Arts, Mathematics, and Foreign Language.

Teaching Field:

A minimum of 18 semester hours is required for certification in: Biological Sciences, English, General Science, Health Education, History, Instrumental Music, Latin, a specific modern language, Mathematics, Physical Education, Physical Science, Political Science and Economics, Speech, and Vocal Music. Thirty hours are required for Music, Science, and Social Studies.

Education Courses:

Education 1, 5, 6, 7 and 11. A course in Health Education must be offered: this may be Health Education 10 or 12, or Biology 1.

1. HISTORY OF EDUCATION IN THE UNITED STATES

MR. ROSENBERGER

The history of the development of education in America from colonial times to the present. Attention will be given to qualifications for teaching and professional ethics. Recommended as the first course in Education.

Three semester hours credit.

Sophomore Course. Three hours, either semester.

2. EDUCATIONAL PSYCHOLOGY

MR. JOHNSON

The development of the individual and the psychological principles of learning are extensively investigated. An introduction is given to evaluating and reporting pupil progress. Required for certification in Pennsylvania.

Three semester hours credit.

Prerequisite: Psychology 1. Sophomore or Junior course. Three hours, either semester.

6. INTRODUCTION TO HIGH SCHOOL TEACHING MR. ROSENBERGER

Consideration is given to the function of the secondary schools in a democracy. Emphasis is placed on the methods and techniques of the teaching-learning process and to classroom management.

Three semester hours credit.

Junior course. Three hours, either semester.

7. SECONDARY SCHOOL CURRICULUM

MR. JOHNSON

The philosophy, practices and problems of the junior and senior high school curricula. The construction and revision of courses will be investigated as well as the core curriculum. A general orientation will be given to guidance and extra-curricular activities.

Three semester hours credit.

Prerequisite: Education 6. Three hours, either semester.

10. AUDIO-VISUAL EDUCATION

MR. JOHNSON

The underlying philosophy, principles and techniques involved in the use of sensory aids are studied. The course is intended to increase the effectiveness of both the new and experienced teachers in the use of such aids.

Three semester hours credit

Junior or Senior course. Three hours, either semester.

11. STUDENT TEACHING

MR. ROSENBERGER

Student observation, participation and teaching on the secondary school level under the supervision of an experienced teacher. Group and individual conferences are held for discussion of principles and problems. A minimum of 90 hours of responsible classroom teaching is recommended.

Six semester hours credit.

Prerequisite: Education 5 and 6. Senior course. Either semester.

14. EDUCATIONAL AND PSYCHOLOGICAL MEASUREMENTS

MR. SHAND

A survey of tests, inventories, and other instruments and of statistical computations used in psychology and education.

Three semester hours credit.

Prerequisite: Psychology 1. Junior and Senior course. Three hours, first semester.

40. PRINCIPLES OF GUIDANCE

MR. DUCK

A general introduction to basic principles of personnel administration for student counselors.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

English

(Composition, Literature, and Speech)

Professors GEYER and MASON, Assistant Professors BOLICH, LINDEMAN, TAYLOR, TOWNSEND, and WOLFINGER, Instructors BASKERVILLE, HELD, McLENNAND, and PICKERING

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 31; 30 or 32; 21 or 22; 23 or 24; and 11, 13, or 15. Majors and minors who expect to teach in the public schools should take English 15 and Speech 1. English A is a prerequisite for all other courses in English.

Composition

A. ENGLISH COMPOSITION

MESSRS. BASKERVILLE, HELD, LINDEMAN, PICKERING, and WOLFINGER, and MMES. McLENNAND, TAYLOR, and TOWNSEND

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen.

Three hours, throughout the year.

Six semester hours credit.

5. ADVANCED COMPOSITION

MR. PICKERING

The principles and techniques of expository and argumentative writing.

Three hours, first semester.

Three semester hours credit.

6. JOURNALISM

MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

Two hours, either semester.

Two semester hours credit.

7. CREATIVE WRITING

MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor. *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

8. ADVANCED CREATIVE WRITING

MRS. TAYLOR

Workshop for advanced writing students. Problems and techniques of writing short stories, verse, essays, etc. *Four semester hours credit.*

Prerequisite: English 7. Two hours, throughout the year. (Credit granted for one semester or both.)

Literature

B. INTRODUCTION TO LITERATURE

MESSRS. GEYER, LINDEMAN and
WOLFINGER, and MMES. MCLENNAND and TOWNSEND

An intensive study and analysis of the dominant literary types—the short story, the novel, poetry, and drama. Designed primarily for non-English majors wishing to fulfill the literature requirement. *Six semester hours credit.*

Three hours, throughout the year.

1. ENGLISH LITERATURE

MESSRS. GEYER and MASON

A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

Three hours, throughout the year.

Six semester hours credit.

11. THE ENGLISH NOVEL

MR. PICKERING

Historical development of the English novel from Defoe to the twentieth century.

Three hours, throughout the year.

Six semester hours credit.

12. CONTEMPORARY PROSE FICTION

MR. GEYER

An intensive study of selected British and American prose works of the twentieth century.

Three hours, second semester.

Three semester hours credit.

- 13a. ENGLISH DRAMA MR. WOLFINGER
From the liturgical play to 1660.
Three hours, first semester. *Three semester hours credit.*
- 13b. ENGLISH DRAMA MR. WOLFINGER
From 1660 to the rise of the New Drama.
Three hours, second semester. *Three semester hours credit.*
14. MODERN DRAMA MR. WOLFINGER
From Ibsen to O'Neill.
Three hours, second semester. *Three semester hours credit.*
- 15a. AMERICAN POETRY MR. MASON
From Bryant to Lanier; emphasis on critical interpretation.
Three hours, first semester. *Three semester hours credit.*
- 15b. AMERICAN PROSE MR. MASON
Selections from the eighteenth and nineteenth centuries.
Three hours, second semester. *Three semester hours credit.*
- *16. MODERN POETRY MR. LINDEMAN
English and American poets of the present century. *Four semester hours credit.*
Two hours, throughout the year. (Credit granted for one semester or both.)
21. THE SEVENTEENTH CENTURY MR. MASON
The poetry and prose of the period with special attention to Bacon, Jonson, Donne, and Dryden.
Three hours, second semester. *Three semester hours credit.*
22. THE EIGHTEENTH CENTURY MR. GEYER
The chief poets and prose writers of the neo-classical period.
Three hours, second semester. *Three semester hours credit.*
23. THE ROMANTIC PERIOD MR. GEYER
Wordsworth, Coleridge, Byron, Shelley, and Keats.
Three hours, first semester. *Three semester hours credit.*

* May be used to meet appreciation requirements.

24. THE VICTORIAN PERIOD

MR. GEYER

The poetry and prose of the period with special attention to Tennyson, Browning, and Arnold.

Three hours, second semester.

Three semester hours credit.

30. CHAUCER

MR. GEYER

The Canterbury Tales, Troilus and Criseyde, and several shorter poems.

Three hours, first semester.

Three semester hours credit.

31. SHAKESPEARE

MR. WOLFINGER

Eighteen plays and recent critical writing about Shakespeare.

Three hours throughout the year.

Six semester hours credit.

32. MILTON

MR. MASON

Milton's poetry and selected prose.

Three hours, first semester.

Three semester hours credit.

Speech

1. BASIC PUBLIC SPEAKING

MR. BOLICH

Basic principles of public address: delivery, bodily action, voice; finding, arranging, and presenting ideas.

Two hours, either semester.

Two semester hours credit.

2. ADVANCED PUBLIC SPEAKING

MR. BOLICH

The adaptation of public address to various purposes: to inform, to entertain, to convince, to induce to action.

Two semester hours credit.

Prerequisite: Speech 1. Two hours, second semester.

3. VOICE AND DICTION

MR. BOLICH

Proper use of voice apparatus through drills and study in physical control, breathing, tone production, and resonance. Exercises in articulation, correct pronunciation, and expressiveness.

Two semester hours credit.

Two hours, first semester.

4. ARGUMENTATION AND DISCUSSION

MR. BOLICH

The principles of logical proof in oral discourse.

Two hours, second semester.

Two semester hours credit.

5. ORAL INTERPRETATION

MR. BOLICH

Study and practice in techniques of reading aloud from prose, poetry, and dramatic literature.

Two hours, first semester.

Two semester hours credit.

6. RADIO SPEECH

MR. BOLICH

Radio as a means of communication. The principles of radio speaking and script writing; problems of production.

Two hours, second semester.

Two semester hours credit.

Fine Arts

Associate Professor QUALLY and Professor KRAMER

1. HISTORY OF ART: PREHISTORIC TO 1800

MR. QUALLY

The visual arts in relation to social, political and religious conditions of each period. A comparative appraisal of the art of different periods; and an aesthetic appreciation of works of art through use of color slides and other visual aids.

Two semester hours credit.

Two hours, first semester.

2. HISTORY OF ART: 1800 TO CONTEMPORARY

MR. QUALLY

An historical background for the development and understanding of modern art, with major emphasis on painting. An examination of individual paintings through color slides and reproductions, pointing toward an understanding and enjoyment of contemporary art.

Two semester hours credit.

Two hours, second semester.

3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, with some attention to Japanese, Indian, and Persian Art. History, traditions, and culture will form the background for studying material from museums and collections.

Two semester hours credit.

One hour, throughout the year.

4. ART APPRECIATION

MR. QUALLY

An introductory course in the appreciation of the visual arts. An analysis of materials, and fundamentals of design. The styles of representation, their relationship, and their impact on modern art. Principles underlying and problems bearing on the visual arts. Emphasis on individual works through use of slide and opaque projections in order to stimulate enjoyment and understanding of contemporary art as well as past forms.

Two semester hours credit.

Two hours, either semester.

5. BEGINNING DRAWING AND PAINTING

MR. QUALLY

A basic studio course in free hand drawing and painting. Familiarity with different media such as line, oil color, casein, and water color. Drawing and painting from still life and live models. *Six semester hours credit*

Six studio hours weekly, throughout the year.

6. ADVANCED DRAWING AND PAINTING

MR. QUALLY

A continuation of Course 5 with special attention to pictorial design. Portrait and figure studies from live models. Landscape painting. Individual style of each student encouraged. *Six semester hours credit.*

Prerequisite: Fine Arts 5. Six studio hours weekly, throughout the year.

7. BASIC DESIGN AND COMPOSITION

MR. QUALLY

An introductory course in design as a foundation for courses in drawing and painting. Basic color theory. Assigned class problems in line, black and white, and in color. Individual criticism. *Six semester hours credit.*

Six studio hours weekly, throughout the year.

8. GRAPHIC ARTS

MR. QUALLY

An introductory studio course in lithography, wood engraving, wood block printing, and silk screen production. *Three semester hours credit.*

Six studio hours, either semester.

French

(See Romance Languages)

German

*Professor SUNDERMEYER, Associate Professor AHRENS,
Lecturers I. LANGERHANS and L. FORTENBAUGH*

Requirements for a major include Courses 2, 3, 6, 12, 13, or 14 and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13 or 14. Courses 14 and 15 count as six semester hours in the original provided they are taken together. Courses 2, 3, 4, 7, 10, 11, and 16 may be applied in fulfillment of the literature requirement.

German Language

A. ELEMENTARY GERMAN

STAFF

The essentials of grammar; reading of simple prose and poetry.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE GERMAN

STAFF

Review of grammar; reading of standard German. *Six semester hours credit.*
Prerequisite: German A. Three hours, throughout the year.

6. COMPARATIVE PHILOLOGY

MR. AHRENS

A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language.
One hour, throughout the year. *Two semester hours credit.*

12. COMPOSITION

MRS. LANGERHANS

Practice in writing idiomatic German. *Two semester hours credit.*
One hour, throughout the year.

13. CONVERSATION

MRS. LANGERHANS

Practice in speaking German. *Four semester hours credit.*
Two hours, throughout the year.

German Literature and Civilization

2. THE CLASSICAL FIELD

MR. SUNDERMEYER

Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller. *Six semester hours credit.*
Prerequisite: German 1. Three hours, throughout the year.

3. THE 19TH CENTURY

MR. AHRENS

Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann. *Six semester hours credit.*
Prerequisite: German 1. Three hours, throughout the year.

4. LUTHER

MR. AHRENS

An advanced course devoted to the study of selections from Luther's German writings. *Two semester hours credit.*
One hour, throughout the year.

7. GERMAN SCIENTIFIC PROSE

MR. AHRENS

Selections of literary merit from authors in the field of the natural sciences. *Six semester hours credit.*
Prerequisite: German 1. Three hours, throughout the year.

8. GERMAN SCIENTIFIC PROSE MR. SUNDERMEYER
Readings adapted to individual needs of students majoring in any of the exact Sciences. *Two semester hours credit.*
One hour, throughout the year.
10. GOETHE'S FAUST MR. SUNDERMEYER
Goethe's *Faust*, I and II. *Six semester hours credit.*
Two hours and collateral reading, throughout the year.
11. CONTEMPORARY LITERATURE MR. SUNDERMEYER
Selections from contemporary literature. *Six semester hours credit.*
Two hours and collateral reading, throughout the year.
14. ADVANCED GERMAN READINGS MRS. LANGERHANS
Readings selected to coordinate with German 15. Conducted in German. *Four semester hours credit.*
Two hours, throughout the year.
15. HISTORY OF GERMAN CIVILIZATION MR. SUNDERMEYER
Lecture course in English. Open to all students. Credit given in the Departments of German and History. *Two semester hours credit.*
One hour, throughout the year.
16. SEMINAR IN GERMAN LITERATURE MR. SUNDERMEYER
A reading course conducted in German. *Six semester hours credit.*
Two hours and collateral reading, throughout the year.

Greek

Professor SHAFFER and Instructor HELD

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

- A. ELEMENTARY GREEK MR. SHAFFER
An elementary course for beginners. *Six semester hours credit.*
Three hours, throughout the year.

B. INTERMEDIATE GREEK**MR. SHAFFER**

Selections from Xenophon and Homer. Prose composition.

Six semester hours credit.

Prerequisite: Greek A. Three hours, throughout the year.

1. HERODOTUS**MR. SHAFFER**

Reading of selections, with lectures and reports on literary and historical background.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, first semester.

Not given 1957-1958.

2. GREEK TRAGEDY**MR. SHAFFER**

Selected plays with lectures and reports on the literary, religious, and philosophical background.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, first semester.

3. GREEK LITERATURE IN ENGLISH**MR. SHAFFER**

Reading and study of selected masterpieces of Greek literature.

Knowledge of Greek not required.

Three semester hours credit.

Three hours, first semester.

4. GREEK HISTORY**MR. SHAFFER**

A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources.

Three semester hours credit.

Knowledge of Greek not required.

Three hours, second semester.

5. GREEK MUSIC**MR. SHAFFER**

Greek musical theory and practice.

Three semester hours credit.

Prerequisite: Greek A and B, and an elementary knowledge of music.

Three hours, first semester.*

6. NEW TESTAMENT**MR. SHAFFER**

Readings in Hellenistic Greek, with special attention to the language of the New Testament.

Three semester hours credit.

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, second semester.

* To be given if needed.

7. PLATO

MR. HELD

The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates. *Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)
Three hours, first semester.

8. HOMER

MR. SHAFFER

The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, first semester.

9. GREEK LYRIC POETRY AND PROSE COMPOSITION

MR. SHAFFER

A survey of Greek poetic literature and a review of syntax.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, second semester.

10. GREEK ORATORY

MR. HELD

Selected orations in Greek and the *Rhetoric* of Aristotle in English.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, second semester.*

Not given 1957-1958.

11. THE ANCIENT HISTORY OF THE NEAR EAST

MR. SHAFFER

Survey of the ancient civilizations of southwestern Asia and of Egypt.

Knowledge of Greek not required.

Three semester hours credit.

Three hours, first semester.*

12. GREEK COMEDY

MR. SHAFFER

Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, second semester.*

13. READINGS IN GREEK PHILOSOPHY

MR. SHAFFER

Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10. *One semester hour credit.*

One hour, first semester.*

* To be given if needed.

14. READING COURSE IN GREEK OLD TESTAMENT

Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background.

Three semester hours credit.

Prerequisite: Greek 6.

Three hours, either semester.

Health and Physical Education

Professor BREAM, Associate Professor BARTHOLOMEW, Assistant Professors DAVIES, HAAS, KENNEY, and YOVICSIN, Instructors, LENTZ and LUCKENBILL, and Assistant Instructor RIDINGER

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, and open to both men and women. The department offers curricula leading to both the degree of Bachelor of Arts and the degree of Bachelor of Science, with a major in Health and Physical Education. Students enrolled in either of the above curricula must take all the courses listed in that curriculum, plus such other courses as may be required by the department.

Methods and Activities

1. METHODS AND ACTIVITIES

STAFF

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills.

Activities for men: tennis, soccer, volleyball, basketball, swimming, track and field, and golf.

*Activities for women.

Four semester hours credit.

Two hours, throughout the year.

2. METHODS AND ACTIVITIES

STAFF

An individual program of activities participation, based upon ability and progress.

Activities for men: tennis, football, wrestling, apparatus, tumbling, dancing, speedball, and golf.

*Activities for women.

Four semester hours credit.

Two hours, throughout the year.

3. METHODS AND ACTIVITIES

STAFF

Methods and techniques of class organization and instruction in a variety of physical education activities.

Four semester hours credit.

Two two-hour periods, throughout the year.

* Women students have an optional-required program, based on a quarter system. Elective activities and required courses for eight (8) credits will satisfy college requirements. All women students must pass the swimming course before graduation.

4. METHODS AND ACTIVITIES**STAFF**

Methods and techniques of class organization and instruction in a variety of physical education activities. Continuation of Course 3.

Two two-hour periods, throughout the year. *Four semester hours credit.*

5. AQUATICS**MR. LENTZ**

Teaching methods and techniques in basic strokes, diving, life-saving, and water safety. *Two semester hours credit.*

Three hours, either semester.

Physical Education**6. INTRODUCTION TO PHYSICAL EDUCATION****MISS KENNEY**

A general survey of the field, with special emphasis upon developing and understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*

Two hours, either semester.

13. PRINCIPLES AND CURRICULUM PLANNING**MR. BARTHOLOMEW**

An evaluation of principles and their application in planning a modern physical education program. *Two semester hours credit.*

Two hours, second semester.

17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION**MR. YOVICSIN**

Legal and administrative problems, personnel relations, social interpretation, budget and finance, plant and office management. *Four semester hours credit.*

Senior course. Two hours, throughout the year.

18. ADMINISTRATION OF RECREATION AND CAMPING **MISS KENNEY**

The theory of, and need for, play, personnel qualifications, and administration.

Two hours, second semester. *Two semester hours credit.*

19. PHYSICAL EDUCATION FOR THE HANDICAPPED **MISS KENNEY**

Misconception, causes of handicaps, specific handicaps, the remedial program, the orthopedic examination, and administration. *Two semester hours credit.*

Prerequisite: Health Education 14.

Two hours, first semester.

21. CARE AND PREVENTION OF INJURIES

MR. BARTHOLOMEW

The official Beginners' Red Cross First Aid course, with emphasis on the practical aspects of symptom recognition and safety.

Two hours, first semester.

One semester hour credit.

22. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION

MR. BARTHOLOMEW

Written and practical tests in the fields of health and physical education.

Two hours, second semester.

Two semester hours credit.

Health Education

10. PERSONAL HYGIENE

MISS KENNEY

Practical aspects of the everyday life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health.

Three semester hours credit.

Three hours, first semester.

11. COMMUNITY HEALTH

MISS KENNEY

The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed.

Three semester hours credit.

Three hours, second semester.

12. SCHOOL HEALTH PROBLEMS

MR. BARTHOLOMEW

The recognition and possible solution of typical problems.

Three hours, first semester.

Three semester hours credit.

14. ANATOMY, PHYSIOLOGY AND KINESIOLOGY

MR. BARTHOLOMEW

A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body.

Three hours, throughout the year.

Six semester hours credit.

History

*Professor FORTENBAUGH, Associate Professors BLOOM and CRAPSTER,
and Assistant Professor GLATFELTER*

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, and 6, are open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

1. HISTORY OF WESTERN CIVILIZATION

MR. GLATFELTER

A survey from pre-literary times to the present, describing the growth of social institutions. *Six semester hours credit.*

Three hours, throughout the year.

2. HISTORY OF ENGLAND

MR. CRAPSTER

A survey from Roman times to the present, emphasizing institutional and cultural developments. *Six semester hours credit.*

Three hours, throughout the year.

3a. HISTORY OF THE UNITED STATES TO 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

History 3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Three hours, first semester.

Three semester hours credit.

3b. HISTORY OF THE UNITED STATES SINCE 1865

MESSRS. BLOOM, FORTENBAUGH, and GLATFELTER

Three hours, second semester.

Three semester hours credit.

4. THE UNITED STATES, 1899-1939

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, first semester.

5. AMERICAN ECONOMIC HISTORY

MR. BLOOM

Economic life and forces throughout the history of the United States.

Three hours, second semester.

Three semester hours credit.

6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania. *Six semester hours credit.*

Three hours, throughout the year.

7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, first semester.

8. SELECTED TOPICS IN AMERICAN HISTORY

MR. BLOOM

An advanced course offering intensive study of special topics or periods.

Prerequisite: History 3 or 6.

Three semester hours credit.

Three hours, second semester.

9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Two semester hours credit.

Two hours, second semester.

10. EUROPE FROM THE RENAISSANCE TO 1763

MR. CRAPSTER

A survey of European history in the early modern period in its world setting—the Renaissance, the Reformation, the growth of national states, and the Enlightenment.

Three semester hours credit.

Prerequisite: History 1. Three hours, first semester.

11. EUROPE IN THE FRENCH REVOLUTIONARY AND NAPOLEONIC ERAS

MR. CRAPSTER

A survey of Europe from 1763 to 1789, followed by an intensive study of the political, social, economic, and intellectual developments taking place in Europe from 1789 to 1815.

Three semester hours credit.

Prerequisite: History 1. Three hours, second semester.

Alternates with History 14.

Not given 1957-1958.

12. EUROPE FROM 1815 TO 1919

MR. CRAPSTER

A survey of European history in its world setting from the Congress of Vienna to the end of the First World War.

Three semester hours credit.

Three hours, first semester.

13. EUROPE SINCE 1919

MR. CRAPSTER

A survey of recent European history in its world setting.

Three hours, second semester.

Three semester hours credit.

14. HISTORY OF RUSSIA

MR. CRAPSTER

A survey of Russian history, emphasizing the period from 1682 to 1939.

Three semester hours credit.

Prerequisite: History 1. Three hours, second semester.

Alternates with History 11.

18. CIVIL WAR AND RECONSTRUCTION

MR. BLOOM

The sectional conflict in American history from the War with Mexico in 1846 to the end of Reconstruction 1877. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, first semester.

19. THE AMERICAN COLONIAL PERIOD

MR. FORTENBAUGH

An intensive study of the colonial period before 1763 with emphasis upon economic, social, and religious development. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, second semester.

20. HISTORICAL METHOD

MR. FORTENBAUGH

For Junior majors and other qualified students who expect to teach history.

Three hours, first semester. *Three semester hours credit.*

21. UNDERGRADUATE SEMINAR

MESSRS. BLOOM, CRAPSTER, FORTENBAUGH, and GLATFELTER

Practice in the criticism and use of historical sources. For Junior or Senior majors. *Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

GERMAN HISTORY

See German 15.

GREEK HISTORY

See Greek 4.

ROMAN HISTORY

See Latin 11.

FRENCH HISTORY

See French 21.

Latin

Professor GLENN, Visiting Professor MEINECKE

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Course B-C may be used to meet the foreign language requirement above the "A" course or for the second language requirement. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of foreign language above the "A" course, the literature, or second language requirement. Students planning to do graduate work in Latin should take college Greek courses.

B-C. VERGIL

MR. GLENN

Selections from the *Aeneid*.

Six semester hours credit.

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors. *Three semester hours credit.*

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

2. HORACE

MR. GLENN

Selections from the *Odes, Epodes, Satires.* *Three semester hours credit.*

Three hours, second semester.

3. CICERO'S LETTERS

MR. GLENN

Life and literature in Cicero's time. *Three semester hours credit.*

Three hours, first semester.

4. ROMAN COMEDY

MR. GLENN

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama. *Three semester hours credit.*

Three hours, second semester.

5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required. *Three semester hours credit.*

Alternates with Course 7. Two hours, first semester.

Not given 1957-1958.

6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things.* *Two semester hours credit.*

Alternates with Course 8. Two hours, second semester.

Not given 1957-1958.

7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic, lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century. *Two semester hours credit.*

Alternates with Course 5. Two hours, first semester.

8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research. *Two semester hours credit.*

Alternates with Course 6. Two hours, second semester.

10. LATIN LITERATURE IN ENGLISH

MR. GLENN

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.

Three hours, second semester.

Three semester hours credit.

11. ROMAN HISTORY AND CIVILIZATION

MR. GLENN

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required.

Three semester hours credit.

Three hours, first semester.

13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

Two semester hours credit.

15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course.

Two semester hours credit.

One hour, throughout the year.

16. SCIENTIFIC AND MEDICAL TERMINOLOGY

MR. MEINECKE

The principles of word-formation and orthoepy (pronunciation) in science and medicine, based on the Greek and Latin source content of scientific and medical nomenclature.

Three hours, second semester.

Three semester hours credit.

Not given 1957-58.

17. HISTORY OF GREEK AND ROMAN MEDICINE

MR. MEINECKE

For scientific, premedical, Greek and Latin students, and others interested.

Three hours, first semester.

Three semester hours credit.

Not given 1957-58.

18. PROSEMINAR IN THE HISTORY OF GREEK AND ROMAN MEDICINE

MR. MEINECKE

Investigative studies in the sources with special emphasis on the permanent aspects to the time of Harvey. Inquiries and discussions based in part on visual aids.

Two hours, second semester.

Two semester hours credit.

Not given 1957-58.

19. HISTORY OF GREEK AND LATIN MUSIC

MR. MEINECKE

For all interested in music.

Three hours, first semester.

Three semester hours credit.

Not given 1957-58.

21. SELECTED WORKS OF CICERO

MR. MEINECKE

For advanced Latin students.

Three hours, throughout the year.

Six semester hours credit.

Not given 1957-58.

Mathematics

*Professor ARMS, Associate Professor ZIEGLER, Assistant Professor MOORHEAD,
and Lecturer BUTTERFIELD*

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 8, 9, 10, and 14. With adviser's approval, Mathematics 21, Mathematics 23, and Mathematics 25 may be used as part of the course requirements for a major in Economics.

1a. COLLEGE ALGEBRA

MESSRS. BUTTERFIELD, MOORHEAD and ZIEGLER

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem.

Three semester hours credit.

Prerequisite: one unit of algebra. Three hours, first semester.

1b. PLANE TRIGONOMETRY

MESSRS. BUTTERFIELD, MOORHEAD and ZIEGLER

Definitions and properties of the trigonometric functions; solutions of triangles.

Three semester hours credit.

Prerequisites: one unit of algebra and one unit of geometry. Three hours, second semester.

2. ELEMENTARY ANALYSIS

MESSRS. MOORHEAD and ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and an introduction to calculus.

Six semester hours credit.

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

5. ANALYTICAL GEOMETRY

MR. ZIEGLER

Plane and solid analytical geometry, and an introduction to calculus.

Six semester hours credit.

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulæ of differentiation and integration, with applications.
Six semester hours credit.

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

8. MODERN GEOMETRY

MR. MOORHEAD

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

8A. COLLEGE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

8B. ANALYTICAL GEOMETRY OF SPACE

Two hours, throughout the year.

Four semester hours credit.

8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

9. MODERN ANALYSIS

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9B. HIGHER CALCULUS AND THEORY OF EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

Four semester hours credit.

10. METHODS OF TEACHING

MR. ZIEGLER

Methods of teaching high school mathematics supplemented with practice teaching and observation.

Four semester hours credit.

Three periods, throughout the year.

14. READING COURSE

MR. MOORHEAD

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and semester hours credit as arranged.

21. MATHEMATICS OF INVESTMENT

MR. ZIEGLER

Compound interest as applied to annuities, life insurance, and depreciation.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, first semester.

23. STATISTICS

MR. ZIEGLER

A first course: mean, mode, median, correlation and index numbers.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, second semester.

25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

Six semester hours credit.

Prerequisite: Economics 4. Three hours, throughout the year.

Music

Professors WAGNILD and SHAFFER, Assistant Professors ACKLEY and DANFELT,
Instructor KADEL and Private Music Teachers BARRIGA, BUDDÉ,
SPRINGER and HEIKKINEN

The degree of Bachelor of Science in Music Education will be awarded to those who wish to complete requirements for teaching or supervising music in the elementary and secondary schools. For further information see page 52.

Requirements for a major in music leading to a Bachelor of Arts degree comprise a minimum of 24 hours, including Music 6, 7, 8, 12 and other courses upon the advice of the head of the department.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.* (2) Presentation of a recital in the Junior or Senior Year.**

A musical aptitude test will be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment.

1. APPRECIATION OF MUSIC

MR. SHAFFER

The principal musical forms against the background of the other arts.

Two hours, second semester.

Two semester hours credit.

* A thesis or additional private study may be substituted for group participation at the discretion of the Department.

** In special cases a standard proficiency test may be submitted for a recital.

2. APPRECIATION OF MUSIC DRAMA MR. SHAFFER
A review of the history of opera and analyses of examples as drama and as music. *Two semester hours credit.*
Two hours, first semester.
3. APPRECIATION OF THE SYMPHONY MR. SHAFFER
Historical backgrounds and analyses of symphonic forms.
Two hours, first semester. *Two semester hours credit.*
Not given 1957-1958.
6. HISTORY OF MUSIC MR. ACKLEY
A survey of the development of musical art from ancient to modern times.
Three hours, throughout the year. *Six semester hours credit.*
- 7a. HARMONY MR. WAGNILD
Scale and chord structure, chord relationship, non-chordal tones, and analyses.
Three hours, first semester. *Three semester hours credit.*
- 7b. HARMONY MR. WAGNILD
Diatonic chords with various bytones, harmonization or original melodies, simple modulation. Aural approach to harmonic effects.
Three hours, second semester. *Three semester hours credit.*
- 8a. ADVANCED HARMONY MR. WAGNILD
Chromatic harmony, modulation, creative work, analyses.
Three hours, first semester. *Three semester hours credit.*
- 8b. ADVANCED HARMONY MR. WAGNILD
Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.
Three hours, second semester. *Three semester hours credit.*
- 9a. KEYBOARD HARMONY MR. WAGNILD
Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations. *Two semester hours credit.*
Prerequisites: Harmony 7a and 7b. Two hours, first semester.
Not given 1957-1958.
- 9b. KEYBOARD HARMONY MR. WAGNILD
Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work. *Two semester hours credit.*
Two hours, second semester.
Not given 1957-1958.

10a, b. SIGHT-SINGING AND DICTATION

MISS KADEL

The singing and writing of diatonic intervals, triads, rhythmic patterns and melodies.

Four semester hours credit.

Three hours, throughout the year.

11a. ADVANCED SIGHT-SINGING AND DICTATION

MISS KADEL

The development of musical memory and the writing and singing of difficult rhythmic patterns, intervals, and melodic phrases; aural and visual analysis of harmonic structures.

Two semester hours credit.

Two hours, one semester.

12. MUSICAL FORM AND ANALYSIS

MR. ACKLEY

Motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony.

Four semester hours credit.

Prerequisite: Music 7a, 7b.

Two hours, throughout the year.

13. ORCHESTRATION

MR. DANFELT

Transposing and arranging music for various instrumental groups.
Creative work.

Two hours, one semester.

Two semester hours credit.

14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building.

Four semester hours credit.

Two hours, throughout the year.

16. INSTRUMENTAL CONDUCTING

MR. DANFELT

Practical training in instrumental score reading and conducting.

Two hours, first semester.

Two semester hours credit.

18. ELEMENTARY METHODS

MISS KADEL

Materials and methods of teaching in the elementary grades. Psychology of presenting these materials to children. Study of the child voice and the development of good tone, rhythm, and a feeling for music. Music appreciation and classroom procedure.

Three semester hours credit.

Three hours, first semester.

19. INTERMEDIATE METHODS

MISS KADEL

Methods and materials used in the intermediate grades. Evaluation of materials and procedures. Study of choral group organization and training. Music appreciation and classroom procedure. *Two semester hours credit.*

Two hours, second semester.

20. HIGH SCHOOL METHODS

MISS KADEL

The principles and procedures in teaching music in the junior and senior high schools. Emphasis on the study of the adolescent voice and its care, and on the methods and materials relative to the organization of various singing and playing ensembles. Evaluation of material, methods, and techniques.

Two hours, first semester.

Two semester hours credit.

21. WOODWIND INSTRUMENT CLASS

MR. DANFELT

The technique and tone control of woodwind instruments, using clarinet as basic instrument. *Two semester hours credit.*

Two hours, throughout the year.

22. BRASS INSTRUMENT AND PERCUSSION CLASS

MR. DANFELT

Instruction in the technique and principles of tone control in the brasses with trumpet or cornet as the basic instrument, and a practical study of all percussion instruments used in band and orchestra. *Two semester hours credit.*

Two hours, throughout the year.

23. STRINGED INSTRUMENT CLASS

MR. DANFELT

A laboratory course for beginners in the organization and technique of stringed instruments instruction. *Two semester hours credit.*

Two hours, throughout the year.

25. STUDENT TEACHING

Student observation and teaching in cooperation with and under the supervision of experienced teachers. Discussions and individual conferences.

One semester.

Twelve semester hours credit.

Applied Music

The Music Department offers instruction in voice, piano, pipe organ, and the more common instruments. One semester hour credit is given for one half-hour private lesson per week.

The department also sponsors various musical organizations, including the choir, band and orchestra. All regular students are eligible to try out for any of these.

Auditions are held at the beginning of the school year, or at other times by appointment.

One semester hour credit is given per semester for membership in the choir or band upon the student's completion of four hours of course instruction in the Music Department exclusive of Music 1, 2, and 3.

No student may offer more than eight semester hours of applied music towards a Bachelor of Arts degree.

31. VOICE

Semester fee \$30

Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

33. PIANO

Semester fee \$30

Development of touch, technique, rhythm, expression and interpretation.

Repertoire adapted to ability of the student.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

33. PIPE ORGAN

Semester fee \$45

Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student.

One semester hour credit.

Prerequisite: Satisfactory piano technique.

One full hour lesson per week. Either or both semesters.

37. INSTRUMENTAL INSTRUCTION

Semester fee \$30

Available in most common instruments. Repertoire adapted to ability of the student.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

50. CHOIR

The choir is composed of approximately sixty singers of both sexes chosen by audition. The best of choral literature is studied intensively. In addition to appearances in nearby cities, a ten-day concert tour is taken each spring.

Five rehearsals weekly.

One semester hour credit.

55. BAND

Membership in the band, which is open to men and women alike, depends entirely on the individual's musical ability and interest. The band plays at athletic events, and during the second semester gives concerts on the campus and in nearby cities.

One semester hour credit.

Three rehearsals weekly.

Philosophy

Professor RICHARDSON and *Assistant Professors* H. LANGERHANS* and SCHUBART

The courses in philosophy offer a study of the questions men have asked and the answers they have discovered for the major problems they have faced. An emphasis is placed on the methods of inquiry and on the relation of philosophy to the natural sciences, the social studies, and the humanities.

Course 1a or 3 is prerequisite for all others, unless permission is obtained from the department. Requirements for a major are 27 hours as chosen in consultation with the department. Bible 8 and 13, and Greek 7 and 13 may be included with permission of the department. Course 1, 3 or 4 may be used to fulfill the college distribution requirement.

1. INTRODUCTION TO PHILOSOPHY

MR. RICHARDSON

1a. APPROACHES TO PHILOSOPHY

The main approaches to philosophy: scientific, aesthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving the student both the tools and the motive for building his own philosophy of life.

Three hours, first semester.

Three semester hours credit.

1b. CONTEMPORARY WORLD PHILOSOPHIES

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied. *Three semester hours credit.*

Prerequisite: Philosophy 1a. Three hours, second semester.

3. LOGIC

MR. SCHUBART

3a. The principle of clarity in language and structure in thought, and their application.

Three semester hours credit.

Three hours, first semester.

3b. The principles involved in attaining reliable knowledge of any subject matter, with emphasis on the humanities and social sciences.

Three hours, second semester.

Three semester hours credit.

4a. HISTORY OF ETHICS

MR. SCHUBART

The most significant philosophies of ethics from the Greeks to the present.

Three hours, first semester.

Three semester hours credit.

* On leave 1956-1957.

4b. PRINCIPLES OF ETHICS

MR. SCHUBART

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems.

Three hours, second semester.

Three semester hours credit.

8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy.

Three semester hours credit.

Three hours, first semester.

10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century.

Six semester hours credit.

Three hours, throughout the year.

12. PHILOSOPHY OF RELIGION

MR. RICHARDSON

An historical and systematic study of our present religious beliefs.

Three hours, first semester.

Three semester hours credit.

17. MODERN PHILOSOPHY

MR. SCHUBART

The "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries.

Three hours, second semester.

Three semester hours credit.

18. THE PHILOSOPHY OF SCIENCE

MR. LANGERHANS

An historical survey of the world-pictures which have been offered by Greek, Renaissance, and contemporary science; and an analysis of the relations between science and ethical, aesthetic, and religious values.

Three semester hours credit.

No prerequisite. Three hours, second semester. Alternates with course 19.

19. PHILOSOPHY OF HISTORY

MR. LANGERHANS

The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.

Two semester hours credit.

Two hours, second semester. Alternates with course 18.

20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers.

Three semester hours credit.

Three hours, second semester.

Physics

Professor LONG, Associate Professor MARA, Assistant Professor DANIELS, Assistant Instructor HENSEL, Lecturer CORBIN, and Assistants

The Department of Physics offers courses of study to impart to the student an increasing curiosity concerning the physical world in which he finds himself, to have the student learn some of the unifying principles of physics and their historical development, to introduce methods of objective thinking and precise measurement, and to provide fundamental training for students planning to do advanced work in graduate physics and engineering curricula.

Requirements for a major include a minimum of 32 semester hours. All majors are required to take Physics 5 and 8, Chemistry 1, Mathematics 2, 6, and 9a, and other courses in Physics according to their needs and interests and upon the advice of the head of the department.

1. GENERAL PHYSICS MESSRS. DANIELS, HENSEL, MARA, and Assistants

Introduction to the basic principles and phenomena of mechanics, heat, sound, electricity and magnetism, light, and modern physics. This course is designed to satisfy the needs of students not majoring in science.

Eight semester hours credit.

Prerequisite: College Entrance Algebra. One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

102. GENERAL PHYSICS MESSRS. LONG and MARA

Introduction to the fundamental laws of mechanics, heat, sound, electricity and magnetism, and light. Emphasis is placed on mathematical analysis and on applications through problems. For students majoring in sciences. Required of all 3-2 pre-engineering students.

Eight semester hours credit.

Prerequisites: Mathematics 2 or 5 (may be taken concurrently). Three class hours, and three laboratory hours, throughout the year.

3. INTERMEDIATE PHYSICS AND LABORATORY MEASUREMENTS MR. LONG

Introduction to the study of classical and modern physics through the use of elementary calculus. Emphasis is placed on integration of theory with experimental technique.

Six semester hours credit.

Prerequisite: Physics 1 or 102 and Mathematics 6 (the latter may be taken concurrently). Two class hours and three laboratory hours, throughout the year.

4. ENGINEERING MECHANICS MR. DANIELS

The fundamental principles of statics and dynamics with emphasis on analysis and problem-solving operations. Required of all 3-2 pre-engineering students.

Six semester hours credit.

Prerequisites: Physics 102 and Mathematics 6. Three hours, throughout the year.

5a,b. ELECTRICITY, MAGNETISM, AND OPTICS

MR. LONG

Fundamental laws of electric and magnetic fields, with the elementary applications of these laws to circuits, to a study of the electrical and magnetic properties of matter, and to the field of optics. *Six semester hours credit.*

Prerequisites: Physics 102 or 3 and Mathematics 6. Credit will be given for 5a by itself; however, 5a is prerequisite to 5b. Three class hours, throughout the year.

6a,b. INTRODUCTORY ELECTRONICS

MR. DANIELS

Direct and alternating current circuit analysis, principles of operation of electron tubes and electron tube circuits, and their application in research.

Eight semester hours credit.

Prerequisite: Physics 3 and Mathematics 6 (both may be taken concurrently with Physics 6). Credit will be given for 6a by itself; however, 6a is prerequisite to 6b. Three class hours and three laboratory hours, throughout the year.

7a,b. MODERN PHYSICS

MR. MARA

First semester: Development of atomic models, Bohr atom, Schrödinger equation, emission spectra, X-ray spectra, uncertainty principle, composition of periodic table. Second semester: Theory of elementary particles, nuclear structure, spontaneous and induced decay, nuclear reaction, detectors and accelerators. *Six semester hours credit.*

Prerequisite: Physics 102 or 3, and Mathematics 6. Credit will be given for 7a by itself; however, 7a is prerequisite to 7b. Three class hours, throughout the year.

8. THEORETICAL MECHANICS

MR. MARA

A mathematical approach to the dynamics of particles and rigid bodies; vibration motion and waves, scalar and vector fields, boundary value problems. The methods of vector calculus, Fourier series, special functions, etc. are emphasized.

Six semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 9A or 9B (may be taken concurrently). Three class hours, throughout the year.

10. PROBLEMS IN PHYSICS

STAFF

Individual problems in experimental or theoretical physics leading to a research paper. Offered to Junior or Senior majors who have the approval of the department for this course. *Semester hours credit as arranged.*

Hours and credit as arranged.

12b. DESCRIPTIVE ASTRONOMY**MR. DANIELS**

General and descriptive astronomy.

Two semester hours credit.

No prerequisite. Two class hours, second semester.*

13. HEAT AND THERMODYNAMICS**MR. MARA**

Introduction to the concepts of heat and temperature, and of elementary thermodynamics and of kinetic theory. Applications to problems in heat and thermodynamics.

Three semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 6. Three class hours, second semester.

21. DESCRIPTIVE GEOMETRY**MR. CORBIN**

The use and care of instruments, lettering, and the theory of projection drawing in preparation for solving engineering problems by projection and revolution of points, lines, and planes.

Two semester hours credit.

Required of all pre-engineering students. No prerequisites.

Six laboratory hours, first semester.

22. ENGINEERING DRAWING**MR. CORBIN**

Intersections and developments, assembly and detail drawings, sections and dimensions.

Two semester hours credit.

Required of all pre-engineering students. Prerequisites: Physics 21 or approval of instructor.

Six laboratory hours, second semester.

Political Science*Professor STOKES, Assistant Professors JARVIS and JOHNSON*

Requirements for a major include 24 semester hours. All majors are required to take course 1, 14 and either Economics 3A or 3.

1a, b. AMERICAN GOVERNMENT**STAFF**

The American political system on the national level. Sophomore course.

Three hours throughout the year.

Six semester hours credit.

Note: Students who require only three credits in Political Science should take 1a.

2. STATE AND LOCAL GOVERNMENT**MR. JOHNSON**

American government on the state and local level. Junior and senior course.

Three hours, second semester.

Three semester hours credit.

* To be given if needed.

3. EUROPEAN GOVERNMENTS

MR. JOHNSON

A comparative analysis of the basic principles which govern the organization and operation of the principal governments of the world. Executive, legislative, judicial, and party controls over government; controls to achieve administrative ends; administrative sanction and procedure. *Three semester hours credit.*

Sophomore and Junior course. Three hours, first semester.

4. CONSTITUTIONAL LAW

MR. JARVIS

Analysis of the federal Constitution as an instrument of conferring and restraining governmental power. Philosophical and political aspects of the judicial process probed by the case method treatment of Supreme Court decisions.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

5. INTERNATIONAL LAW

MR. JARVIS

Principles of law generally recognized by modern states, including the legal relations of states and individuals, treaty making and diplomacy, and those decisions of American and foreign municipal courts which bear upon the subject. Current developments in the United Nations are discussed.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

6. BUSINESS AND GOVERNMENT

MR. JARVIS

The shaping of public policy towards business as reflected in legislation and judicial decisions, with particular emphasis on the regulation of competition and monopoly. The problem of state intervention in areas of corporate development and individual freedom.

Three semester hours credit.

Prerequisite: Economics 3, Political Science 1. Junior course. Three hours, second semester.

8. POLITICAL PARTIES

MR. JARVIS

The role of the political party as an instrument for effecting the public will. The influence of pressure groups in the formation of public policy. Electoral behavior and American party organization are examined in the context of current political questions.

Three semester hours credit.

Junior course. Three hours, first semester.

9. INTERNATIONAL RELATIONS

MR. JOHNSON

National policies of the major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis placed on the role of the United States in international relations. Required student reports on current world developments.

Junior course. Three hours, first semester.

Three semester hours credit.

11. AMERICAN POLITICAL THOUGHT

MR. JOHNSON

A survey of American political philosophy from colonial times to the present, as expressed in the writings, speeches, and activities of leading personalities in American politics. *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

14. HISTORY OF POLITICAL THOUGHT

MR. JARVIS

The contributions of the most important thinkers in political science from Plato to the present. Required for all majors. *Three semester hours credit.*

Junior or Senior course. Three hours, first semester.

16. AMERICAN FOREIGN POLICY

MR. JOHNSON

This course is designed to acquaint the student with the current diplomatic problems which must be met by American foreign policy. Some attention will be given to an examination of the machinery and processes involved in policy determination (emphasis on the Department of State, United Nations, and Congressional direction). *Three semester hours credit.*

Junior and Senior course. Three hours, second semester.

18. SENIOR SEMINAR

MR. JARVIS

This course is primarily designed to train the student in the use of research materials and is open only to seniors with a B average.

Three hours, second semester.

Three semester hours credit.

Psychology

*Professor SMOKE, Assistant Professors EDDINS and SHAND,
and Instructor McKEON*

Psychology 1 is a prerequisite for all other courses in the department. Requirements for a major include Psychology 1, 4, 10, and 12, and twelve additional hours, as approved by the department. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 11.

Psychology majors are advised to take Psychology 8 no later than their Junior year.

At least one year of post-graduate work is almost always required of applicants for positions in psychology.

1. GENERAL PSYCHOLOGY

STAFF

Introductory survey of the facts and principles of psychology, including the study of human motivation, emotion, perception, thought, intelligence, and personality. Some attention is given to the application of psychology, especially in the solution of personal and social problems. *Three semester hours credit.*

Three hours, either semester.

2. BUSINESS AND INDUSTRIAL PSYCHOLOGY **MR. EDDINS**

Application of psychological principles and techniques to the study of problems in business and industry. *Three semester hours credit.*

Three hours, second semester.

3. SOCIAL PSYCHOLOGY **MR. SMOKE**

Psychological study of human experience and behavior in social situations.

Three hours, second semester. *Three semester hours credit.*

4. HISTORY OF PSYCHOLOGY **MR. SHAND**

Major developments in the history of psychology, with special attention to the rise of basic theoretical viewpoints. *Three semester hours credit.*

Open only to Juniors and Seniors.

Three hours, first semester.

5. APPLIED PSYCHOLOGY

Applications of psychology to such specific areas as market research, public opinion polling, guidance and counseling, criminology, and getting a job. Outside readings and reports in areas of student's special interests.

Three hours, first semester. *Three semester hours credit.*

Not given 1957-1958.

6. MENTAL HYGIENE **MR. McKEON**

Principles of personal adjustment and the use of these principles in everyday living. The understanding of one's self with respect to abilities, interests, attitudes, and traits of personality. *Three semester hours credit.*

Three hours, second semester.

7. PSYCHOLOGY OF PERSONALITY **MR. SMOKE**

The nature of personality, together with the methods and results of its study.

Three hours, first semester. *Three semester hours credit.*

8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS **MR. EDDINS**

A survey of tests to obtain scientific knowledge of human motives, interests, attitudes, traits, special abilities, general intelligence, achievement, and life adjustment. *Three semester hours credit.*

Two class hours and two laboratory hours, first semester.

8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS **MR. SHAND**

Tests for the study of special kinds of intelligence, specific types of maladjustment, and various processes measured by projective techniques.

Three semester hours credit.

Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.

9. CHILD AND ADOLESCENT PSYCHOLOGY MR. McKEON

The growth and development of the child and adolescent, including such topics as learning, maturation, perceptual development, and social behavior. Some attention is given to the exceptional child. *Three semester hours credit.*

Three hours, first semester.

10. EXPERIMENTAL PSYCHOLOGY MR. McKEON

Introduction to the purposes, materials, methods, and results of psychological experimentation. Laboratory work and selected readings.

Three semester hours credit.

Open only to Juniors and Seniors who are majors in the Department.

One class hour and two two-hour laboratory periods, second semester.

11. PSYCHOLOGICAL STATISTICS MR. EDDINS

Statistical procedures in social research. Methods of research, particularly statistics, as used in the fields of psychology, sociology, and education. Analysis of some examples of social and psychological research.

Three hours, first semester.

Three semester hours credit.

12. ADVANCED GENERAL PSYCHOLOGY MR. EDDINS

Motivation, perception, learning, and other topics in general psychology for advanced students.

Three semester hours credit.

Prerequisite: Twelve semester hours in Psychology.

Three hours, second semester.

13. INTRODUCTION TO CLINICAL PSYCHOLOGY MR. SHAND

A survey of the field of clinical psychology, its problems, methods, and areas of application. Not a course in clinical practice. *Three semester hours credit.*

Prerequisite: Six semester hours in Psychology.

Junior and Senior course. Three hours, second semester.

14. ABNORMAL PSYCHOLOGY MR. SHAND

Abnormalities of personality and behavior in mentally handicapped, deviant, neurotic, and psychotic persons.

Three semester hours credit.

Prerequisite: Six semester hours in Psychology. Junior and Senior course.

Three hours, second semester.

15. SENIOR READING COURSE MR. SMOKE

Supervised reading in psychology.

Semester hours as arranged.

Open only to Seniors who are majors in the department. Conference hours as arranged, first semester.

16. PSYCHOLOGY OF LEARNING

MR. EDDINS

A critical survey of the outstanding attempts to understand the learning process, including the work of Thorndike, Kohler, Skinner, Hull and Hebb.

Three semester hours credit.

Prerequisite: Twelve semester hours in Psychology. Three hours, first semester.

17. CONTEMPORARY PSYCHOLOGICAL LITERATURE. MR. SHAND

A review of recent books, journal articles, and research projects related to significant contemporary developments in the field of Psychology. Opportunity will be given for independent reading on topics of special interest to the individual student.

Three semester hours credit.

Prerequisite: Six semester hours in Psychology. Three hours, second semester.

18. HUMAN RELATIONS

MR. EDDINS

Psychological principles involved in handling people; individual differences in social perception, employee motivation and training, leadership techniques and their roles in management, supervision, and personnel work. Special attention will be given to problems and techniques of interviewing.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

Reserve Officers Training Corps (Army and Air Force)

Gettysburg College participates in the National Security Program by offering to its students, in cooperation with the Armed Forces, the opportunity to enroll in one of the Reserve Officer Training programs. The purpose of the program is to provide trained reserve officers to meet the needs of the military services in the event of a national emergency. The training is conducted by members of the regular services through integrated courses in the classroom, leadership laboratories, seminars, and practical application. Adequate equipment, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc., are utilized for instructional purposes. The necessary textbooks and uniforms are provided by the Federal Government. Reserve Officer Training does not in any way interfere with the students' normal academic schedule.

Both the Army and the Air Force provide Reserve Officer Training facilities at Gettysburg College. Each training program is divided into two general courses—Basic and Advanced. The Basic Course, taken during the Freshman and Sophomore years, provides a general background for the Army or the Air Force. College credit is given for ROTC, which may also be substituted for Physical Education.

The Army Reserve Officer Training Corps, commonly known as Army ROTC, is open to all physically qualified male students who are citizens of the United States. The Air Force Reserve Officer Training Corps, known as AFROTC, is open to both male and female students who meet the standards. AFROTC students must agree to take flight training upon receipt of their commissions in the USAF Reserve. Women students may obtain a Commission in the WAF upon completion of the AFROTC course.

Students who have successfully completed the Basic Course and have demonstrated a satisfactory degree of proficiency and leadership may enroll in the Advanced Course. Any student who has completed one year of honorable military service may, with the approval of the Department Head concerned, enroll in the Advanced Course at the beginning of his Junior year of College.

Students who enroll in the Advanced Course are provided with uniforms which are normally kept by the students after they are commissioned. In addition, advanced students are paid approximately \$535 during their two years of advanced study in the ROTC program. Between their Junior and Senior years, ROTC students attend a summer camp, which is devoted to practical application of the courses of instruction they have received during the previous three years in the classroom. Students are reimbursed for travel expenses to and from summer camp. While there they are provided with food and uniforms, and are paid about \$20 per week.

Under the General Military Science program, Army ROTC graduates may be commissioned in one of the many branches of the Army. The branch in which a student is to be commissioned is determined by his academic background, his individual desires, and the needs of the Army at the time he receives his commission. Those students who are outstanding and are designated Distinguished Military Students may apply for Regular Army Commissions. Any officer who desires and is physically qualified may receive Army Aviation training. While in the aviation program the pay is the same as that received by Air Force officers.

Air Force graduates, upon commissioning, receive a year's pilot training in officer status and may elect a second year of training in jet aircraft. During such training the salary is approximately \$500 per month for a married officer.

After flight training, pilots are assigned duties in the field of their academic major and receive additional training and experience in that field.

At present students participating in the Army ROTC and AFROTC programs may be deferred from induction under the Selective Service Act. To be deferred, a student must maintain a satisfactory academic average, must demonstrate that he possesses the qualities necessary to become an Army or Air Force Officer, and must agree to accept a Reserve or Regular Commission, if such a commission is offered. Army ROTC students who are commissioned must agree to serve at least two years on active duty if called and to remain in the Reserves for four additional years for a total of six years from the date of commission. Those graduates who are excess to Army Active Force requirements will be given six months of active duty for training, following which they will remain in the Ready Reserve until the eighth anniversary of the receipt of their commissions. Air Force Students must agree to serve at least three years on active duty and to remain in the Reserves for three years.

It is the policy of Gettysburg College to maintain the Army and the Air Force ROTC at equal strength. This is done to enable each ROTC Department to meet quotas which may be established from time to time. However, every effort is made to assign students to the service of their choice at the time of admission to the ROTC program.

Military Science and Tactics

*Professor JONES, Assistant Professors HALL, GRIDLEY, and PETERSON, and
Assistant Instructors DOVE, JACKSON, NAVICAS and MARKSBERRY*

Basic Course

1. BASIC COURSE, FRESHMAN

School of the soldier; American Military History; weapons and marksmanship.
Four semester hours credit.

Four periods, throughout the year (2 in the classroom, 2 in outdoor drill).

2. BASIC COURSE, SOPHOMORE

School of the soldier; crew-served weapons and gunnery; map and aerial photography reading.
Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

Advanced Course

3. ADVANCED COURSE, JUNIOR

Leadership, exercise of command; military teaching; organization, function and mission of the services; small unit tactics; communications and miscellaneous Military subjects.
Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Leadership, exercise of command; estimate of the situation; combat orders; command and staff; administration; military justice and boards; military intelligence; training management; the military team; troop movements; supply and evacuation; tactics of infantry battalion; motor transportation; service orientation; miscellaneous military subjects.
Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Air Science

Professor WILLIAMS, Assistant Professors COVINGTON, HORNIG, TEUFEL, and ZARTMAN, and Assistant Instructors GIMPEL, LANE, MCCASLIN, WALKER, and WARRINGTON

Basic Course

1. BASIC COURSE, FRESHMAN

Introduction to AFROTC; introduction to aviation; fundamentals of global geography; international tensions and security organizations; instruments of national military security; basic military training.

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

2. BASIC COURSE, SOPHOMORE

Elements of aerial warfare, consisting of introduction to targets, weapons, aircraft, the air ocean, the Air Force Base, and Air Force operations: careers in the United States Air Force; leadership laboratory (Cadet non-commissioned officer training).

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

Advanced Course

3. ADVANCED COURSE, JUNIOR

The Air Force Commander and his staff; problem-solving techniques; communications process and Air Force correspondence; military law; courts and boards; applied air science-aircraft engineering, navigation, and weather; Air Force base functions; leadership laboratory. (Officer training).

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Principles of leadership and management (seminar); career guidance; military aspects of world political geography; military aviation and the art of war; briefing for commissioned service; leadership laboratory. (Officer training).

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Romance Languages

Professor BACHMAN, Associate Professors HAMME and HARTSHORNE, Assistant Professors BARRIGA and SANBORN, and Instructors KEARNS and PLAYFOOT

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A course; 30 semester hours are necessary for a teaching major.

Requirements for a teaching major or minor in French include courses 3 and 5.

Requirements for a major in Spanish include a reading knowledge of a second foreign language.

French Language

A. ELEMENTARY FRENCH

STAFF

Essentials of grammar; practice in composition, reading, and translation.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE FRENCH

STAFF

Grammar review and composition. Reading of selections from modern French authors.

Six semester hours credit.

Prerequisite: French A or its equivalent. Three hours, throughout the year.

3. ADVANCED FRENCH COMPOSITION AND CONVERSATION

MR. BACHMAN

Systematic study of French grammar including composition drill. Stress on free composition and oral expression.

Six semester hours credit.

Prerequisite: French 1. Three hours, throughout the year.

Not given 1957-1958.

5. PRACTICAL PHONETICS

MR. BACHMAN

Practice in phonetic transcription and pronunciation. Laboratory course.

Three hours, first semester.

Three semester hours credit.

6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and Spanish.

Three semester hours credit.

Three hours, second semester. Alternates with French 5.

Not given 1957-1958.

7. OLD FRENCH LANGUAGE AND LITERATURE **MR. BACHMAN**

The various *genres* of medieval French literature. *Two semester hours credit.*

Prerequisite: French 6. Two hours, second semester. Alternates with French 21.

Not given 1957-1958.

9. EXPLICATION DE TEXTES **MR. BACHMAN**

Designed for Seniors only. Conference hours as arranged, either semester.

Two hours, either semester.

Two semester hours credit.

French Literature

The following courses fulfill the one-year literature requirement.

11. SURVEY COURSE IN FRENCH LITERATURE **MR. SANBORN**

A general survey of French literature from the Middle Ages to the 19th century. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.
Not given 1957-1958.

13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850

MR. HARTSHORNE

Selections from poets and prose writers of the Romantic and Realistic movements. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.
Alternates with French 14.

14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900

MR. HARTSHORNE

Selections from poets and prose writers of the Naturalistic and Symbolistic movements. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.
Alternates with French 13.
Not given 1957-1958.

15. FRENCH LITERATURE OF THE 20TH CENTURY **MR. SANBORN**

The more recent literary tendencies of France, with special reference to the national life and character. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

17. FRENCH LITERATURE OF THE 17TH CENTURY MR. BACHMAN

French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

Alternates with French 18.

Not given 1957-1958.

18. FRENCH LITERATURE OF THE 18TH CENTURY MR. BACHMAN

Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Alternates with French 17.

Three hours, throughout the year.

French Civilization, Methods, Seminar

21. HISTORY OF FRENCH CIVILIZATION MR. BACHMAN

A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe.

Three semester hours credit.

No language requirements. Three hours, second semester.

23. METHODS OF TEACHING FRENCH MR. BACHMAN

Lesson planning in conjunction with grammar review; discussion concerning the cultural material to be used; selection of suitable texts.

Open only to Juniors and Seniors who expect to teach and who have been recommended by the department head. *Three semester hours credit.*

Three hours, first semester. Given only in alternate years.

Not given 1957-1958.

25. THESIS IN FRENCH STAFF

Open only to Seniors who are members of Phi Sigma Iota.

Conference hours as arranged, either semester. *Two semester hours credit.*

Spanish Language

A. ELEMENTARY SPANISH STAFF

Fundamentals of grammar and reading. *Six semester hours credit.*

Three hours, throughout the year.

1. INTERMEDIATE SPANISH**STAFF**

Review of Spanish grammar, conversation, translation, and composition.

Six semester hours credit.

Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.

2. ADVANCED COMPOSITION AND CONVERSATION. **MRS. KEARNS**

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations.

Six semester hours credit.

Prerequisite: Spanish 1 or its equivalent. Three hours, throughout the year. Not given 1957-1958.

Spanish Literature

Courses 10 through 17 fulfill the one-year literature requirement. Prerequisite: Spanish 1 or its equivalent.

10. LENGUA Y LITERATURA (SURVEY COURSE IN SPANISH LITERATURE) **MR. BARRIGA**

The development of the Spanish géneros literarios to the present day. Geographical and historical background. Reading and discussion of selection from some of the most outstanding authors of each period.

Three hours, throughout the year.

Six semester hours credit.

Not given 1957-1958.

11. SPANISH-AMERICAN LITERATURE **MR. BARRIGA**

A survey course with emphasis on poetry and the novel.

Three hours, throughout the year.

Six semester hours credit.

Not given 1957-1958.

12. NINETEENTH CENTURY SPANISH DRAMA **MR. HAMME**

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda.

Six semester hours credit.

Three hours, throughout the year.

13. NINETEENTH CENTURY SPANISH NOVEL **MR. BARRIGA**

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

Three hours, throughout the year.

Six semester hours credit.

14. CONTEMPORARY SPANISH NOVEL**MR. HAMME**

Reading and study of novels beginning with the Generation of 1898.

Three hours, throughout the year.

Six semesters hours credit.

Prerequisite: Spanish 1 or its equivalent.

15. CONTEMPORARY SPANISH DRAMA**MRS. KEARNS**

Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.

Six semester hours credit.

Three hours, throughout the year.

16. NOVELA DEL SIGLO DE ORO**MR. HAMME***La novela picaresca and Don Quijote.**Six semester hours credit.*

Three hours, throughout the year.

Not given 1957-1958.

17. TEATRO DEL SIGLO DE ORO**MR. HAMME**

Lope de Vega and other dramatists of the Siglo de Oro.

Three hours, throughout the year.

*Six semester hours credit.***Spanish Civilization, Methods, Seminar****21. METHODS AND TECHNIQUE OF TEACHING SPANISH MR. HAMME**

Technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice.

Three semester hours credit.

For teaching majors. Hours as arranged.

Three hours, first semester.

22. THESIS IN SPANISH**STAFF**

Research and outlining. Individual conferences.

Two semester hours credit.

Prerequisite: Any course from the group 10-21.

Two hours either semester. Conference hours as arranged.

Sociology*Professor BLOSS, Associate Professor LANGERHANS*, Visiting Associate Professor HENSSLER, and Assistant Professor SCHUBART*

Requirements for a major include Sociology 1, 2, 10 and 11 and twelve additional semester hours in Sociology as approved by the department. Students looking forward to Social Work must take Sociology 3 and 9.

Sociology 1 is prerequisite to all other courses except in special cases approved by the department.

* On leave 1956-1957.

1. PRINCIPLES OF SOCIOLOGY

MISS BLOSS and MR. HENSSLER

Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.

Three semester hours credit.

Three hours, either semester.

2. CULTURAL ANTHROPOLOGY

MISS BLOSS and MR. HENSSLER

Interrelation of the individual, society, and culture. Analysis of diverse cultures with reference to their institutions, value systems, and behavior patterns.

Three hours, second semester.

Three semester hours credit.

3. INTRODUCTION TO SOCIAL WORK

MISS BLOSS

Development and organization of modern social services under public and private auspices. Basic processes of social case work, group work and community organization.

Three semester hours credit.

Three hours, first semester.

4. FIELD WORK EXPERIENCE

MISS BLOSS

Current trends in the philosophy and practice of social work. Two hours seminar one day each week plus field work for one-half day per week in approved social agencies offering supervision.

Three semester hours credit.

Senior course. Three hours, second semester.

5. THE FAMILY

MISS BLOSS

History of the family. The family in various cultures. Social and economic problems of the family in the U. S. Current marriage laws.

Three semester hours credit.

Three hours, first semester.

6. FAMILY RELATIONSHIPS

MR. SCHUBART

Marriage and the family in contemporary American culture. Interactions of personalities in the family group. Shifting roles of members. Current literature and research in the field.

Three semester hours credit.

Three hours, first semester.

7. AMERICAN SOCIETY: URBAN AND RURAL PATTERNS

MISS BLOSS

Rural-urban trends and their significance. Problems arising from the urbanization and industrialization of American society.

Three hours, second semester.

Three semester hours credit.

8. MASS COMMUNICATION

Miss Bloss

Relationship of public opinion to social control and collective behavior. Special attention given to the various media of mass communication such as the newspaper, radio, motion picture and to the problems of monopoly, propaganda and freedom.

Three semester hours credit.

Three hours, first semester.

9. SOCIAL LEGISLATION

Miss Bloss

The changing philosophy of Government to meet the needs of modern industrial civilization; special attention given to present day social welfare policies and programs at the federal, state and local levels.

Three semester hours credit.

Three hours, second semester.

10. SOCIAL THEORY

MR. HENSSLER

Causality and field-theory in the social sciences. The contributions of Durkheim, Pareto and Weber to social theory. Recent trends in American sociology.

Three hours, second semester.

Three semester hours credit.

11. METHODS OF SOCIAL RESEARCH

MR. HENSSLER

Methodological procedures and techniques in sociology. Collection, classification, analysis and interpretation of data.

Three semester hours credit.

Three hours, first semester.

12. SOCIAL CHANGE IN MODERN SOCIETY

MR. HENSSLER

Conditions which make for social and personal order or disorder in selected contemporary societies. Modern programs, ideologies, organizational techniques, strategies and tactics of power elites, parties, pressure groups and social movements.

13. CRIMINOLOGY

Miss Bloss

Analysis of the social, cultural and psychological factors involved in the development of the criminal; evaluation of our present system of criminal justice; trends and future objectives.

Three semester hours credit.

Three hours, first semester.

14. DYNAMICS OF SMALL GROUPS

Miss Bloss

Development of the small group research movement. Dynamics of the participative group. Social perception, communication, leadership and social competence in small group situations. Sociometric structure in personality and group formation.

Three semester hours credit.

Three hours, second semester.

15. INDUSTRIAL SOCIOLOGY

Miss Bloss

The industrial plant as a complex social organization; the functional relationships between industrial production and other aspects of societal organization.

Three hours, second semester.

Three semester hours credit.

16. SOCIAL STRATIFICATION AND INTERGROUP RELATIONS

MR. HENSSLER

Structure and dynamics of class and status systems, class differentials and social mobility. Problems of cultural and social integration with special reference to the interrelations of the various ethnic, religious, racial and political minorities and majorities in the U. S. *Three semester hours credit.*

Three hours, second semester.

Spanish

(See Romance Languages)

Speech

(See English)

Alumni Organizations

The Alumni Association

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

Executive Committee

Association Officers

President WILLIAM H. B. STEVENS '26, 410 N. 3rd St., Harrisburg
Vice President JOHN M. WEIKERT '21, 4709 Locust Hill Ct., Bethesda 14, Md.
Alumni Secretary C. PAUL CESSNA '15, Gettysburg College
Recording Secretary HARRY C. SHRIVER '29, 9306 Linden Ave., Bethesda, Md.
Treasurer GEORGE J. SABO '49, 16-14 149th St., Whitestone, N. Y.

Local Club Organizations

Adams County

President O. B. ORNER '32, 702 Highland Ave., Gettysburg
Secretary MRS. L. S. LONG '29, R. D. 3, Gettysburg

Altoona, Pa.

President HAROLD J. PEGG '25, 117 E. Southey Ave., Altoona
Secretary MRS. LEE E. SNOOK '52, 405 E. Main St., Roaring Spring

Baltimore, Md.

President MRS. CARL GLEITSMANN '39, 2707 Chesterfield Ave., Baltimore 13
Secretary NANCY B. SCHUNTER '54, 5623 Laurelton Ave., Baltimore

Central Pennsylvania

President A. L. RUTHS '45, 412 W. College Ave., State College
Secretary THEODORE LINDQUIST, JR. '50, Loganton

Franklin County

President J. P. MANGES '31, 501 E. 4th St., Chambersburg
Secretary NED FLEMING '25, 1140 Wilson Ave., Chambersburg

Chicago, Illinois

President C. W. BAUDER '26, 843 Washington Blvd., Oak Park
Secretary M. D. SHUTTERS '36, 2112 Lemoyne Ave., Chicago 22

Cleveland, Ohio

President ROBERT BARKLEY '31, 3862 Summit Park Rd., Cleveland Heights
Secretary FRED MESSINGER '38, 1616 Marlowe Ave., Lockwood

Delaware

President JOSEPH M. WILSON '31, 54 Paschall Rd., Wilmington 3
Secretary MARGUERITE WEAVER '14, 1019 Adams St., Wilmington

Detroit, Michigan

President JOHN C. LEIDY '51, 23313 Edsel Ford Ct., St. Clair Shores
Secretary MRS. JOHN C. LEIDY '51, 23313 Edsel Ford Ct., St. Clair Shores

Frederick-Carroll County

President R. D. MILLER '29, 111 First Ave., Brunswick, Md.
Secretary MRS. G. W. MOTTER '49, 68 York St., Taneytown, Md.

Hagerstown, Maryland

President DONALD HAYNES '34, 325 Pangborn Blvd.
Secretary ROBERT PETERS '34, 650 Summit Ave.

Harrisburg, Pa.

President ROBERT D. HANSON '39, 112 Market St., Harrisburg
Secretary JEAN KEEFER '44, 413 W. Main St., Mechanicsburg

Johnstown, Pa.

Inactive

Lancaster, Pa.

President JAMES H. HARTZELL '24, 634 East End Ave.
Secretary PAUL E. NOLL '21, 230 Memorial Dr., Manheim

Lebanon-Schuylkill Counties

Inactive

Lehigh Valley

President L. A. PHILLIPS '24, 42 N. 13th St., Allentown
Secretary MRS. EDITH MUMPER '29, 421 Florida Ave., Fullerton

Louisiana

PresidentM. R. MILLER '20, 1109 Eleanore St., New Orleans
Secretary

New York

PresidentJ. D. MATHIEU '50, 152 E. 84th St., New York 28
SecretaryFRED G. WEISSER, JR. '52, 85 Maple Dr., Great Neck

North Central Pennsylvania

PresidentP. C. FULMER '39, River Rd., Milton
SecretaryL. A. GOTWALD, JR. '47, R. D. 1, Northumberland

Northeastern Pennsylvania

PresidentJ. C. VILLAUME '38, 319 Harwood Ave., Clarks Summit
SecretaryGEORGIA OSWALD '53, Wyoming Seminary, Kingston

Northern California

PresidentERIC E. DUCKSTAD '39, 3539 Laguna Ct., Palo Alto
SecretaryMARTIN P. GLYNN '49, 2524 Broadway, San Francisco 15

Northern New Jersey

PresidentW. A. KOCH, III, '49, 39 Oakwood Ave., Bogota
SecretaryMRS. WOODROW HAMILTON '47, 441 Mountain Ave., Westwood

Philadelphia, Pa.

PresidentH. O. SCHWARTZ, JR. '42, 4430 Huey Ave., Drexel Hill
SecretaryR. G. EPPELMAN '55, 512 Bergen St., Gloucester City, N. J.

Pittsburgh, Pa.

PresidentH. L. BERKEBILE '42, 6025 Hampton St.
SecretaryJ. W. BARKLEY '37, 7335 Schoyer Ave., Swissvale

Reading and Berks County

PresidentH. T. MATZ '17, 461 N. 13th St., Reading
SecretaryG. K. NEWBOULD '31, 1409 Monroe Ave., Wyomissing

Rochester Area

PresidentJ. R. FINK '17, 15 High St., Lyons, N. Y.
SecretaryC. H. HOWARD '23, 76 Rutgers St., Rochester, N. Y.

Somerset, Pa.

PresidentW. H. BEACHY, JR. '43, 207 S. Center Ave., Somerset
SecretaryF. G. MASTERS '04, 532 Main St., Berlin

Southern California

PresidentLOUIS MERTZ '42, 3806 San Anseline Ave., Long Beach
SecretaryH. S. FOSTER, JR. '52, 6203 San Ramon Way, Buena Park

South Jersey

PresidentLOUIS C. JOYCE, III, '47, 277 W. Clifton Ave., Blackwood
SecretaryJANICE C. GRACEY '48, 1025 Collings Ave., Collingswood

Southwestern Ohio

PresidentA. L. YINGST '29, 611 E. Main St., Greenville
SecretaryMRS. DONALD L. HOWELLS '49, 2020 Riverside Dr., Columbus 21

Southern West Virginia

PresidentG. B. BIKLE '26, 1632 Virginia St., E., Charleston
SecretaryMRS. G. B. BIKLE, 1632 Virginia St., E., Charleston

Washington, D. C.

PresidentD. F. BRAKE '28, 1433 Webster St., N. E.
SecretaryR. S. RAUSCHENBERGER '48, 2008 Fort Baker Dr., S. E.

Western Maryland**Inactive****York County**

PresidentG. O. HECKERT '36, 101 Lyndhurst Rd., York
SecretaryJ. E. ERB '49, 40 York St., Hanover

Faithful Fifty (Philadelphia, Pa., Social Group)

PresidentJ. B. SALTZER, 1218 Chestnut St., Philadelphia 7
SecretaryC. E. BILHEIMER, 1530 Spruce St., Philadelphia

Students in College

Seniors, Class of 1957

- Abramson, Benjamin, *Bio.*, Philadelphia, Pa.
 Adelman, Howard C., *Bio.*, Newark, N. J.
 Bachman, Edwin, *Fr.*, Gettysburg, Pa.
 Bagdoyan, Helen E., *Bio.*, Washington, D. C.
 Bailey, William M., Jr., *Econ.*, Fairhaven, Mass.
 Baker, Charles A., *Eng.*, Jackson Heights, N. Y.
 Banks, Joanne S., *Eng.*, Pottstown, Pa.
 Bannister, Jane C., *Econ.*, Baltimore, Md.
 Beaver, Joan, *Eng.*, Philadelphia, Pa.
 Beebe, Noel, *Econ.*, Media, Pa.
 Beisler, Doris C., *Soc.*, Rutherford, N. J.
 Benfer, Joan F., *Sp.*, Ardmore, Pa.
 Bieler, Charles L., *P.S.*, East Greenville, Pa.
 Bierly, Joseph, *P.E.*, Glen Rock, Pa.
 Biser, Gareth V., *P.E.*, Jefferson, Md.
 Bishop, John M., *Chem.*, Oberlin, Pa.
 Bohn, Jay, *Hist.*, Funkstown, Md.
 Bornheimer, Deane G., *Math.*, Yarmouth, Me.
 Brandt, Donald W., *Chem.*, York, Pa.
 Bream, John D., *P.E.*, Gettysburg, Pa.
 Brown, Richard D., *P.S.*, Merchantville, N. J.
 Buckey, John M., *Hist.*, Philadelphia, Pa.
 Bunce, William J., Jr., *Econ.*, Westfield, N. J.
 Buntz, Thomas, *Econ.*, McSherrystown, Pa.
 Butler, Robert A., *Bus. Ad.*, Upper Montclair, N. J.
 Carswell, Stuart R., Jr., *Econ.*, Westport, Conn.
 Carter, Gareth, *Math.*, Staten Island, N. Y.
 Cashman, Shirley A., *Psy.*, Lancaster, Pa.
 Christensen, Richard C., *Bus. Ad.*, Metuchen, N. J.
 Clark, Barbara F., *Sp.*, Drexel Hill, Pa.
 Clark, Joseph E., *P.S.*, West Reading, Pa.
 Cochran, Robert O., *Econ.*, York, Pa.
 Coeyman, Charles A., *Pre. Eng.*, Red Lion, Pa.
 Colyer, Stephen W., *P.S.*, Radnor, Pa.
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 Welsh, Steve, *Econ.*, *Baltimore, Md.*
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 Williams, George A., *Phil.*, *York, Pa.*
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Schulz, Philip H., *Math.*, *Marion, Va.*
Scott, Ronald S., *Bus. Ad.*, *Lansdowne, Pa.*
Searles, Duane L., *P.S.*, *Easton, Pa.*
Sebring, Thomas L., *Econ.*, *Fanwood, N. J.*
Seebach, J. Arthur, Jr., *Merion Station, Pa.*
Sellers, Donald E., *Pre-Eng.*, *Harrisburg, Pa.*
Seufert, Gary L., *Chem.*, *Nutley, N. J.*
Severe, David, *Baltimore, Md.*
Shallock, John, *Fords, N. J.*
Sheaffer, Ralph W., *Bus. Ad.*, *Table Rock, Pa.*
Sheffer, Dianne, *Watsonstown, Pa.*
Shelly, David, *Hist.*, *Doylestown, Pa.*
Shetter, Sara, *Mus.*, *Biglerville, Pa.*
Shirk, Sally A., *Psy.*, *Wyomissing, Pa.*
Shockley, Floyd K., *Bio.*, *Merchantville, N. J.*
Simpson, M. Richard, *Chem.*, *Baltimore, Md.*
Sinclair, Thomas A., *Philadelphia, Pa.*
Sinnott, Margaret Y., *Baltimore, Md.*
Sinnott, Peter B., *Hist.*, *Green Harbor, Mass.*
Skare, Elsa S., *Soc.*, *Ardley, Pa.*
Smith, Harry B., *Bio.*, *San Turce, Puerto Rico.*
Smith, Richard H., *P.E.*, *Baldwin, N. Y.*
Smith, Robert D., *Holtwood, Pa.*
Smith, Ronald W., *Bus. Ad.*, *Springdale, Conn.*
Smoot, John, *Souderton, Pa.*
Snowman, Paul A., III, *Glen Ridge, N. J.*
Snyder, Wallace H., *Groton, Conn.*
Spencer, Alvie G., Jr., *Patapsco, Md.*
Spofford, Beatrice L., *Dolgeville, N. Y.*
Stadler, Frank, *Bio.*, *Enhaut, Pa.*
Stahl, Paul J., Jr., *Econ.*, *Huntingdon Valley, Pa.*
Stauffer, Perry, *Eng.*, *Gettysburg, Pa.*
Steger, Joseph A., *Eng.*, *Sharon Hill, Pa.*
Stein, Charles H., *Psy.*, *Wilkes-Barre, Pa.*
Steinbaugh, Susan, *Franklin Square, N. Y.*
Stevenson, Richard H., *Bio.*, *Maplewood, N. J.*
Stover, Wayne, *New Oxford, Pa.*
Stratton, Preston, III, *Bib.*, *Aldan, Pa.*
Stravolo, Joseph R., *Chem.*, *Chambersburg, Pa.*
Streng, Ann M., *Econ.*, *Amsterdam, N. Y.*
Strobel, C. John, *Hist.*, *White Plains, N. Y.*
Sturm, Stacey L., *Takoma Park, Md.*
Sweet, George W., II, *Bus. Ad.*, *Rose Valley, Pa.*
Swisher, William R., Jr., *Hist.*, *Gettysburg, Pa.*
- Taggart, Robert D., *Bus. Ad.*, *Maplewood, N. J.*
Talbot, Kathryn E., *Psy.*, *Baltimore, Md.*
Theall, Thomas, *Econ.*, *Media, Pa.*
Thompson, John C., *Pre-Eng.*, *Kingston, N. Y.*
Tracy, George F., Jr., *Bio.*, *Margate City, N. J.*
Trimnell, John A., *Bio.*, *Franklinville, N. J.*

Ulrich, John, *Livingston, N. J.*
 Umbenhauer, Milton W., *P.S., Shillington, Pa.*

Vall, Edgar W., *Plainfield, N. J.*
 Van DeGriek, Albert, Jr., *Psy., St. Petersburg, Fla.*

Vaniel, Beverly, *Bus. Ad., Duquesne, Pa.*
 Van Lowe, Carl R., Jr., *Psy., Silver Spring, Md.*

Van Ormer, Henry P., Jr., *Econ., Apco, Ohio*
 Venturini, Ronald A., *Bus. Ad., Boonton, N. J.*

Wagner, Nancy E., *Norristown, Pa.*

Wagner, Phyllis, *Lancaster, Pa.*

Wagner, Richard K., *Nutley, N. J.*

Wagnild, Signe, *Mus., Gettysburg, Pa.*

Wahaus, Nancy A., *Bio., Baltimore, Md.*

Wahlers, Dietrich, Jr., *Econ., Maplewood, N. J.*

Walker, David C., *Econ., Fanwood, N. J.*

Walker, Samuel, *Pittsburgh, Pa.*

Wallace, David R., *Bus. Ad., Erie, Pa.*

Walters, William H., *Hist., Glenside, Pa.*

Wampler, Norman A., *P.S., York, Pa.*

Warfel, Francis D., *P.E., Lancaster, Pa.*
 Weisenbach, Edward J., Jr., *Pre-Eng., Farmingdale, N. J.*

Wenzke, John J., *Phil., Lock Haven, Pa.*

Wetzel, Donald G., *Rochester, N. Y.*

Wheeler, Norman F., Jr., *Collinsville, Conn.*

Whitsel, Barry L., *Mount Union, Pa.*

William, H. Carleton, Jr., *Norristown, Pa.*

Wilson, John H., *Bio., West Orange, N. J.*

Wingfield, Charles D., *Bio., Washington, D. C.*

Wires, Willard H., *Peru, Vt.*

Wolf, Robert B., *Oaklyn, N. J.*

Wolfe, H. Elaine, *Bus. Ad., Gettysburg, Pa.*

Wolff, Sandra L., *Gettysburg, Pa.*

Woodward, David A., *Bio., Brooklyn, N. Y.*

Yohn, John D., *P.E., Palmyra, Pa.*

Youse, Carol H., *Bib., Lebanon, Pa.*

Zapf, Nelson E., *Mus., Gettysburg, Pa.*

Zentmyer, Jo Ann, *Hist., Harrisburg, Pa.*

Zinn, Reuel H., *Pre-Eng., Hanover, Pa.*

Freshmen, Class of 1960

Abbott, Henry, *Yonkers, N. Y.*
 Acker, Olin, *Greystone Park, N. J.*
 Adams, Floyd, Jr., *Elmer, N. J.*
 Albright, Roger, *Hanover, Pa.*
 Alcorn, Ruth, *Rutherford, N. J.*
 Aldridge, Raymond, *Hanover, Pa.*
 Applegate, Robert J., Jr., *Merchantville, N. J.*
 Arcesi, Joseph, *Sayre, Pa.*
 Armster, Wilfred, *Brooklyn, N. Y.*
 Aumiller, G. Edward, *Downingtown, Pa.*
 Austin, Franklin B., Jr., *Philadelphia, Pa.*
 Axe, John D., *Syracuse, N. Y.*

Baer, John E., *Rouzeville, Pa.*
 Baker, Carol, *Baltimore, Md.*
 Barber, Bruce, *Mt. Holly, N. J.*
 Barley, Helen, *Gettysburg, Pa.*
 Barron, Jonathan, *Avalon, N. J.*
 Bartlett, Charles, *Manhasset, N. Y.*
 Baumgardner, Susan, *Littlestown, Pa.*
 Bauroth, Alan, *Philadelphia, Pa.*
 Beaver, Hayward, *Camp Hill, Pa.*
 Beery, James, *Bridgeville, Pa.*
 Bennetch, Bradley, *Bethlehem, Pa.*
 Bentz, Richard, *Bethesda, Md.*
 Berger, Paul, *Pine Grove, Pa.*
 Beuchler, John D., *Pine Grove, Pa.*
 Bigelow, Fred H., *Yeagertown, Pa.*
 Binkley, James H., *Medford Lakes, N. J.*
 Birch, Brian, *Tenafly, N. J.*
 Bishop, Stephen G., *Oberlin, Pa.*
 Bittle, Russell, *Chambersburg, Pa.*
 Black, Raymond, *Riegelsville, Pa.*
 Blackman, Samuel S., *New Milford, Conn.*
 Bloom, Howard, *Long Island, N. Y.*
 Bosco, Vincent, *Monessen, Pa.*
 Bowen, David L., *Colmar, Pa.*
 Boyer, Robert, *Camp Hill, Pa.*
 Bradley, Kay, *Arlington, Va.*
 Bramley, Michael, *New York, N. Y.*
 Brehl, Diana, *Douglaston, N. Y.*
 Brenneman, James, *York, Pa.*
 Bright, David, *Norristown, Pa.*
 Brinckmann, Anita, *New York, N. Y.*

Britcher, Susan, *Gettysburg, Pa.*
 Brogan, Donna, *Baltimore, Md.*
 Brown, Barbara J., *Altoona, Pa.*
 Brown, Charles G., *Reisterstown, Md.*
 Browning, Robert G., Jr., *Prospect Park, Pa.*
 Budde, Edmund W., III, *Amityville, N. Y.*
 Buechler, Alan, *Pennsauken, N. J.*
 Bullett, David B., *Ossining, N. Y.*
 Bullock, Robert, *Dennistown, N. J.*
 Burroughs, A. Belting, *Trenton, N. J.*
 Busch, John W., *Brooklyn, N. Y.*
 Butler, James, *Easton, Pa.*

Callis, Mary Jane, *York, Pa.*
 Capece, Donald, *Scarsdale, N. Y.*
 Carone, Lawrence, *Chevy Chase, Md.*
 Carr, Patricia, *Richmond, Va.*
 Carruthers, Ralph, *Mount Union, Pa.*
 Casagrande, Peter J., *Pen Argyl, Pa.*
 Ching, Raymond, *Ocean City, Md.*
 Christ, Peter, *Treacletown, Pa.*
 Cluney, Allen, *York Springs, Pa.*
 Coble, Garnet, Jr., *Aspers, Pa.*
 Coble, Robert, *Pittsburgh, Pa.*
 Coffman, Judy Ann, *Hagerstown, Md.*
 Colby, Glen H., Jr., *Bedford, N. Y.*
 Collett, Leo, *Irwin, Pa.*
 Conaway, Joseph A., *Norristown, Pa.*
 Condor, William J., *Tamaqua, Pa.*
 Cook, Charles, *Quincy, Pa.*
 Cooper, Janet L., *Philadelphia, Pa.*
 Corrao, Frank H., *New York, N. Y.*
 Corbett, Charles, *Abington, Pa.*
 Crawford, Allen K., *Lansdowne, Pa.*
 Crum, Thomas J., *Riderwood, Md.*
 Crump, Roger, *Floral Park, N. Y.*

Dallas, Lee, *Philadelphia, Pa.*
 Davidyock, Richard J., *Summit Hill, Pa.*
 Davies, Richard, *Harrisburg, Pa.*
 Davies, William R., *Medford Lakes, N. J.*
 Davis, Marian E., *Crewe, Va.*
 Dean, Barbara, *Vineland, N. J.*
 Decker, Linda, *Troy, Ohio*

Dendler, Ralph, *Berwick, Pa.*
 Dey, Charles, *Roselle, N. J.*
 Dickinson, Walther, *Syracuse, N. Y.*
 Dinkel, Harold, *Catonsville, Md.*
 Doerle, Richard, *Syracuse, N. Y.*
 Doremus, Dianne, *Harrisburg, Pa.*
 Dorn, Virginia, *Hagerstown, Md.*
 Dougherty, Francis J., *Falls Church, Va.*
 Drewes, Lawrence, *Drexel Hill, Pa.*
 Dulebohn, George, *Greencastle, Pa.*

Egeland, Edwin, *Fair Haven, N. J.*
 Eiler, Kathryn, *Cumberland, Md.*
 Eldridge, Robert, *Abington, Pa.*
 Elfman, C. Bartley, *Doylestown, Pa.*
 Elliott, Jacob J., III, *Bethlehem, Pa.*
 Elliott, Martin, *Broomall, Pa.*
 Emmons, John E., *Salem, N. J.*

Faulkner, Frank, *Upper Darby, Pa.*
 Fetterolf, Howard, *Bloomsburg, Pa.*
 Fishburn, Harold, *Southampton, N. Y.*
 Fisher, Merle, *Highrock, Pa.*
 Fleischman, William R., *Philadelphia, Pa.*
 Franz, David, *Philadelphia, Pa.*
 Frantz, Maurice C., *Lancaster, Pa.*
 Fulton, Robert, *Allentown, Pa.*

Galassi, Michael, *Garden City, N. Y.*
 Galdino, Michael, *Harrisburg, Pa.*
 Ganser, Jon B., *Blue Bell, Pa.*
 Garman, James, *Broughton, Pa.*
 Gass, Mark K., *Sunbury, Pa.*
 Gatter, Julia B., *Oreland, Pa.*
 George, Herman L., *Middletown, Pa.*
 Goldstein, Jed, *Forest Hills, N. Y.*
 Goodwin, Hal E., *Wilmington, Del.*
 Grathwohl, James, *Cutchogue, N. Y.*
 Green, Thomas, *Haddonfield, N. J.*
 Grief, Walter, *Wantagh, N. Y.*
 Griffin, Gerald, *Manhasset, N. Y.*
 Gumprecht, Warren, *West Hempstead, N. Y.*
 Gunnell, George, *Floral Park, N. Y.*
 Gurley, Andrew, *Brooklyn, N. Y.*
 Gwinn, Barry, *Swarthmore, Pa.*

Haaf, Robert, *Salem, N. J.*
 Haines, Isiah, *New Lisbon, N. J.*
 Haman, David, *North Haledon, N. J.*
 Hamm, Sandra, *Hanover, Pa.*
 Hamsher, James, *Chambersburg, Pa.*
 Hanrahan, George, *Hanover, Pa.*
 Harrison, Donald B., *Glen Riddle, Pa.*
 Hartman, Waldo, *Gettysburg, Pa.*
 Heckler, Mary, *Lansdale, Pa.*
 Heckman, Florence, *Kutztown, Pa.*
 Heindl, Marguerite, *Bound Brook, N. J.*
 Henry, George P., *New City, N. Y.*
 Henry, Norman H., *New City, N. Y.*
 Hertzler, David, *Bristol, Pa.*
 Hess, James, *Curwensville, Pa.*
 Hess, Richard E., *York, Pa.*
 Hicks, Harvard, *Doylestown, Pa.*
 Hicks, Redding, *Doylestown, Pa.*
 Hise, Theodore, *Gettysburg, Pa.*
 Hoffman, Gary J., *Baltimore, Md.*
 Howard, Charles, *Frederick, Md.*
 Hrbek, Barbara, *Morton, Pa.*
 Huber, Gertrude, *Bridgeton, N. J.*
 Hunt, Paul N., *Woodbury, N. J.*
 Hunt, William, *White Plains, N. Y.*
 Huston, Bruce, *Silver Spring, Md.*
 Huyck, Eugene, *Dumont, N. J.*
 Hyson, Robert, *Hampstead, Md.*

Ihrig, Mark, *Pittsburgh, Pa.*
 Ishikawa, Yoko, *Tokyo, Japan*
 Johnson, J. Theodore, *Berlin, Pa.*

Johnson, Sandra, *Airville, Pa.*
 Johnson, Thomas, Jr., *Harrisburg, Pa.*
 Johnston, Walton, III, *Philadelphia, Pa.*
 Joseph, Mary, *Hicksville, N. Y.*

Kacandes, Nicholas, *Neptune, N. J.*
 Kagle, Linda, *Gettysburg, Pa.*
 Kahler, Jeffrey, *Towanda, Pa.*
 Katz, Joan, *Yeadon, Pa.*
 Kaye, Martin, *Kingston, N. Y.*
 Keen, John, *Camp Hill, Pa.*
 Keim, Alan, *State College, Pa.*
 Keller, Constance, *Waynesboro, Pa.*
 Kendlehart, Joyce, *Gettysburg, Pa.*
 Kennison, Linda, *Arlington, Va.*
 Kerr, Craig, *Warren, Pa.*
 Kerr, Sandra, *Indiana, Pa.*
 Keyes, Judith, *Baltimore, Md.*
 Kiick, James, *Easton, Pa.*
 Kilheffer, Kenneth, *Lancaster, Pa.*
 Kim, Kwang So, *Seoul, Korea*
 Kistler, Joseph, *Duncannon, Pa.*
 Klepper, David, *Hanover, Pa.*
 Klinefelter, James, *Baltimore, Md.*
 Knight, Chester, *Chestertown, Md.*
 Knox, Thomas, *Pitman, N. J.*
 Knudsen, Phyllis, *Reading, Pa.*
 Kollhoff, Gerald, *Philadelphia, Pa.*
 Krum, Gerald, *Bloomsburg, Pa.*
 Kunkel, Jack, *Gettysburg, Pa.*
 Kunsman, Joseph, *Ambler, Pa.*
 Kurtz, Roland, *York, Pa.*
 Kusiv, Carol, *Cranford, N. J.*

Lack, Linda, *New York, N. Y.*
 Laghzaoui, Mohammed, *Place Batha Fes, Morocco*
 Lang, Louise, *Valley Stream, N. Y.*
 Latshaw, Marjorie, *Sidman, Pa.*
 Layton, Caleb, *Centreville, Md.*
 Lease, Donna, *Boswell, Pa.*
 Lecher, Robert, *Drexel Hill, Pa.*
 LeCount, William, *Ardsley, N. Y.*
 Lee, Peter, *Linthicum, Md.*
 Levensgood, George, *Reading, Pa.*
 Lex, Donald, *Morrisville, Pa.*
 Lieberknecht, Donald, *York, Pa.*
 Lind, Dale, *Woodsboro, Md.*
 Lindstrom, Robert, *York, Pa.*
 Luther, Robert, *Cranston, R. I.*
 Lyon, Roswell H., *Harrisburg, Pa.*

McCann, Marjorie, *Philadelphia, Pa.*
 McClellan, Thomas, *Cresskill, N. J.*
 McClure, David, *Whitehouse Station, N. J.*
 McClure, Howard P., *Maplewood, N. J.*
 McKechnie, Elmer, *Berwick, Pa.*
 McKendrick, Donald, *Gettysburg, Pa.*
 McQuilkin, James, *Seattle, Wash.*
 MacDonough, Charles, *Wynnewood, Pa.*
 MacGibeny, Donald, *Woodbury, N. J.*
 Main, Frederick, *Nutley, N. J.*
 Manges, Barbara, *Bala Cynwyd, Pa.*
 Marks, Frederick, *Easton, Pa.*
 Martz, Cordell, *Harrisburg, Pa.*
 Mauery, Keith, *Lewistown, Pa.*
 Mears, Beverly, *Silver Springs, Md.*
 Menges, Robert, *Menges Mills, Pa.*
 Mentzer, Arthur, *Harrisburg, Pa.*
 Mercer, Theodore, *Avondale, Pa.*
 Mervine, Walter, *Darby, Pa.*
 Metzger, Robert, *North Caldwell, N. J.*
 Middleton, Jay, *Riverton, N. J.*
 Millar, Joel, *New Oxford, Pa.*
 Miller, Darlene, *Easton, Pa.*
 Miller, John, III, *Baltimore, Md.*
 Miller, Rodney, *Gardners, Pa.*
 Mink, Frederick, *Harrisburg, Pa.*
 Minnich, Howard W., *Harrisburg, Pa.*

Mook, Elaine, *Wyncote, Pa.*
 Moore, Barbara, *Baltimore, Md.*
 Morton, Harold, Jr., *Chambersburg, Pa.*
 Moyer, Lois, *Souderton, Pa.*
 Mueller, Fred, *Lancaster, Pa.*
 Muff, Robert, *Garden City, N. Y.*

Nassehi, Fraidoun, *Tehran, Iran*
 Natschke, Frederick, *Ashtand, Pa.*
 Nelson, William, *Minisink Hills, Pa.*
 Nell, Miriam, *Marietta, Pa.*
 Neuber, Pryor, *Lancaster, Pa.*
 Newmark, Warren, *Lansdowne, Pa.*
 Nissley, Dorothy, *Salem, N. J.*
 Nitzsche, Ronald, *Trenton, N. J.*
 Norgard, Hilma, *Baltimore, Md.*
 Norris, Thomas, *Stewartstown, Pa.*

Ober, Chester, *East Petersburg, Pa.*
 Ortlieb, Judith, *Dolgeville, N. Y.*
 Ottmann, Nancy, *Floral Park, N. Y.*

Packard, Gerald, *Maplewood, N. J.*
 Palmer, Edward, *Hagerstown, Md.*
 Palombini, Anthony, *Union City, N. J.*
 Parkell, Charles H., Jr., *Red Bank, N. J.*
 Parker, Alan, *Yeadon, Pa.*
 Paskell, Ray, Jr., *Baltimore, Md.*
 Payton, Melvin, *Moorestown, N. J.*
 Pearce, Harrison, Jr., *Havertown, Pa.*
 Pelton, Suzanne, *Falls Church, Va.*
 Pentz, David, *Mechanicsburg, Pa.*
 Perrine, John, *Jamesburg, N. J.*
 Peters, Howard, *Hazleton, Pa.*
 Pevny, Walter, *Englewood, N. J.*
 Pfeiffer, Curtis, *Baltimore, Md.*
 Pflug, Garry, *Valley Stream, N. Y.*
 Phillips, William, *Marion, Ohio*
 Polm, Karen, *Williamstown, Pa.*
 Poole, Donald, Jr., *Birmingham, Ala.*
 Potteiger, Lester, *Harrisburg, Pa.*
 Poysner, Warren, *Lancaster, Pa.*
 Propst, Thomas, *Sunbury, Pa.*
 Pruess, Don, *Ridgewood, N. J.*
 Pruess, John F., *Ridgewood, N. J.*
 Pursch, William, *Pennsauken, N. J.*

Rader, Robert, *Meriden, Conn.*
 Ralston, Sandra, *Drexel Hill, Pa.*
 Rapp, Robert, *Philadelphia, Pa.*
 Rathmann, Robert, *Palisades Park, N. J.*
 Reighter, John, *Newport, Pa.*
 Renjilian, John, *Fairfield, Conn.*
 Richter, Charles, *Baltimore, Md.*
 Rigberg, Herbert, *Philadelphia, Pa.*
 Risser, James, *Elizabethtown, Pa.*
 Ritter, Frederick, *Winchester, Va.*
 Rosenthal, Albert, *Manhasset, N. Y.*
 Rospendowski, Walter, *Syracuse, N. Y.*
 Ruby, Sue Ann, *York, Pa.*
 Rudderow, William, *Moorestown, N. J.*
 Rudisill, Carol, *Bedford, Pa.*
 Ruesch, Richard, *Leonia, N. J.*
 Ruhl, Charles, *Lancaster, Pa.*
 Russell, Maud, *Arlington, Va.*

Sampson, Barbara, *East Longmeadow, Mass.*
 Santillo, Robert, *Norristown, Pa.*
 Saul, James, III, *Harrisburg, Pa.*
 Schaeffer, Dawn, *Myerstown, Pa.*
 Schaumann, Karen, *Newark, Del.*
 Scheffey, John, *Pottstown, Pa.*
 Schilpp, Louise, *Drexel Hill, Pa.*
 Schlecht, Ludwig, *Syracuse, N. Y.*
 Schmid, Floyd, *West Englewood, N. J.*
 Schneider, Edmund, *Clifton, N. J.*
 Schneider, Nancy, *Baltimore, Md.*
 Schumann, Robert, *Washington, N. J.*

Schroll, Constance, *Fairfield, Pa.*
 Scott, David, *Washington, D. C.*
 Seekamp, Henry, *Belrose, N. Y.*
 Seibart, Gerald, *Honesdale, Pa.*
 Sharrah, John R., *Cashtown, Pa.*
 Sherbine, K. Bruce, *Portage, Pa.*
 Shimer, Richard, *Bedford, Pa.*
 Shirker, Russell, *Lincoln, Pa.*
 Shonk, Ronald, *Manheim, Pa.*
 Shryock, Robert, *Waynesboro, Pa.*
 Skomsky, Sally, *Berwick, Pa.*
 Slater, Allen, *West Caldwell, N. J.*
 Smith, Deborah, *Chambersburg, Pa.*
 Smith, Loren, *Edison, N. J.*
 Smith, Richard C., *Hawthorne, N. J.*
 Snook, John, *Amityville, N. Y.*
 Snyder, Welby, *Hanover, Pa.*
 Sowers, Robert, Jr., *New Oxford, Pa.*
 Spring, Paul, Jr., *Wheeling, W. Va.*
 Stigelman, Harry, *Millersville, Pa.*
 Stiles, George, *Yarmouth, Me.*
 Stiles, Gilbert, *Lansdowne, Pa.*
 Stites, Jane, *Camden, N. J.*
 Stofko, Karl, *Plymouth, Mich.*
 Strait, Robert, *Harrisburg, Pa.*
 Stuff, Margaret, *Washington, D. C.*
 Susser, Nancy, *Myersdale, Pa.*

Tabor, Ralph, *Baltimore, Md.*
 Thomas, George, *River Edge, N. J.*
 Thomas, Larry, *Schickshinny, Pa.*
 Thomson, Ronald, *Hampstead, Md.*
 Thornton, Bruce, *Wynnwood, Pa.*
 Thorpe, David, *Fairfield, Conn.*
 Tichy, Theodora, *Mt. Holly Springs, Pa.*

Underkoffler, Douglas, *Souderton, Pa.*

Valko, Clement, *Raritan, N. J.*
 Vickery, Gerald, *Troy, Pa.*

Wachob, Joan, *Pittsburgh, Pa.*
 Wachter, Gary, *Great Neck, N. Y.*
 Walker, Frederick, *Ridgewood, N. J.*
 Wallace, George, *Coatesville, Pa.*
 Weaver, David, *Gettysburg, Pa.*
 Weaver, John, *Collegeville, Pa.*
 Wedemeyer, Walter, *Phoenixville, Pa.*
 Wedra, Arthur, *Green Creek, N. J.*
 Weitcomb, Janet, *York, Pa.*
 Wenger, Joyce, *Fredericksburg, Pa.*
 Wentz, Gerry, *Gettysburg, Pa.*
 Wertman, William, *Silver Spring, Md.*
 Westby, James, *Arlington, Va.*
 Whitmer, Edwin, *Essex Falls, N. J.*
 Wierman, Richard, *McSherrystown, Pa.*
 Wilent, Claire, *Turnersville, N. J.*
 Williamson, Sarah, *Lancaster, Pa.*
 Williamson, Stephen, III, *Providence, R. I.*
 Willoughby, Robert, *Wilkes-Barre, Pa.*
 Wills, Lawrence, *Garden City, N. Y.*
 Wilson, Norman, *Gettysburg, Pa.*
 Wines, M. Halo, *Washington, D. C.*
 Wiseman, Donald, *Abbotstown, Pa.*
 Wolff, Keith, *Gettysburg, Pa.*
 Wood, Ralph, *Media, Pa.*
 Wood, Ronald, *New York, N. Y.*
 Wood, William, *Camp Hill, Pa.*
 Woodruff, Frank, *Elizabeth, N. J.*
 Wunner, William, *Rutherford, N. J.*

Yingst, John, *Hummelstown, Pa.*
 Young, Barbara, *Maywood, N. J.*
 Youse, Conrad, *Myerstown, Pa.*

Zackrisson, Harry, *Arlington, Va.*
 Zerbe, James, *Harrisburg, Pa.*
 Ziegler, Charles, Jr., *Moorestown, N. J.*

Students Attending the 1956 Summer Session

- Abramson, Benjamin, *Philadelphia, Pa.*
 Adelman, Howard, *Newark, N. J.*
 Aldridge, Robert, *New Oxford, Pa.*
 Alleman, Sarah, *Hanover, Pa.*
 Anderson, Nancy, *Drexel Hill, Pa.*
 Anglemoyer, William, *Huntingdon Valley, Pa.*
- Bachman, Albert, *Gettysburg, Pa.*
 Baker, Charles, *Gettysburg, Pa.*
 Bankert, Ruth M., *Hanover, Pa.*
 Banks, Joseph, *Gettysburg, Pa.*
 Barnes, David, *Aruba, Netherlands West Indies*
 Barnes, Gerald, *Aruba, Netherlands West Indies*
 Barrick, Harry, *Woodsboro, Md.*
 Basehore, John, *Gettysburg, Pa.*
 Baumgardner, E. Wayne, *Taneytown, Md.*
 Bender, George R., *Gettysburg, Pa.*
 Benson, George, *Westminster, Md.*
 Boyd, Howard, *Boyetown, Pa.*
 Bohn, Jay, *Funkstown, Md.*
 Bolton, Joseph, *Camp Hill, Pa.*
 Bower, Frederick, *Emmitsburg, Md.*
 Bowersox, Paul, *Westminster, Md.*
 Bradbury, Ronald, *Pompton Plains, N. J.*
 Brandt, Donald, *York, Pa.*
 Brandt, Ronald, *Harrisburg, Pa.*
 Breighner, Richard, *Hanover, Pa.*
 Bower, G. Paula, *Roselle, N. J.*
 Bream, John D., *Gettysburg, Pa.*
 Bucher, Susan, *Biglerville, Pa.*
 Buller, Abraham, *Harrisburg, Pa.*
 Buntz, Thomas, *McSherrystown, Pa.*
 Burg, Dawn, *Red Lion, Pa.*
 Burchfield, Carol, *Cincinnati, Ohio*
 Burger, Charles, *Morrisville, Pa.*
 Bushey, Delton, *Harrisburg, Pa.*
- Cadwell, Nancy, *Hanover, Pa.*
 Calcagni, Gino, *Allentown, Pa.*
 Camp, Axel, *Shore Acres, N. J.*
 Chamberlain, Donald, *Gettysburg, Pa.*
 Cheng, Grace, *Kowloon, Hong Kong*
 Clausen, Carolyn, *Hanover, Pa.*
 Clayton, Marjorie, *Harrisburg, Pa.*
 Clem, Lester, *Walkersville, Md.*
 Coady, Bartine, *Gettysburg, Pa.*
 Cochran, Robert, *York, Pa.*
 Collins, Paul, *Upper Montclair, N. J.*
 Conrad, Charles, *Dauphin, Pa.*
 Coursey, Don, *Gettysburg, Pa.*
 Cousins, Tim, *Ossining, N. Y.*
 Crawford, John, *Parry, N. Y.*
 Crouse, Russell, *Gettysburg, Pa.*
 Cuthbert, Allen, *Narberth, Pa.*
- Damian, Anthony, *Gettysburg, Pa.*
 Deardorff, JoAnne, *Gettysburg, Pa.*
 Decker, Sigmund, *Gettysburg, Pa.*
 Deiley, Robert, *Allentown, Pa.*
 Dickson, Robert, *Camp Hill, Pa.*
 Dieck, Robert, *Sunbury, Pa.*
 Dingfelder, Carol, *Brooklyn, N. Y.*
 Donley, Jane, *Gettysburg, Pa.*
 Dornburg, Maui, *Taneytown, Md.*
- Eicholtz, Robert C., *Biglerville, Pa.*
 Einwaechter, Lee, *Baltimore, Md.*
 Elser, Theodore, *Yardley, Pa.*
 Emigh, Carl, *Turtle Creek, Pa.*
 Evans, Barry, *Dillsburg, Pa.*
- Falk, Leonard, *Iron Springs, Pa.*
 Faulkner, Frank, *Upper Darby, Pa.*
- Feeman, Mary, *Gettysburg, Pa.*
 Fitzpatrick, Richard, *Weathersfield, Conn.*
 Flammer, Barbara, *Bethlehem, Pa.*
 Flegal, Ida, *Hanover, Pa.*
 Fohl, Dale, *Harrisburg, Pa.*
 Fries, Beverly, *Mt. Wolf, Pa.*
- Gillespie, Joyce, *York, Pa.*
 Goldner, Robert, *Newark, N. J.*
 Graybill, David, *York, Pa.*
 Graybill, Guy, *Paxtonville, Pa.*
 Grove, C. Robert, *Bradford, Pa.*
 Gruver, Eugene, *East Berlin, Pa.*
- Hafey, Robert, *Mt. Gretna, Pa.*
 Hamilton, Noel, *Curwensville, Pa.*
 Hamme, Lloyd, *Hanover, Pa.*
 Harrell, Joseph, *Merrick, N. Y.*
 Harris, Albert, *York, Pa.*
 Hartong, R. Mark, *Gettysburg, Pa.*
 Harvey, David, *Little Falls, N. J.*
 Heldt, Rachael, *Gettysburg, Pa.*
 Henricks, W. Mark, *Pottstown, Pa.*
 Hidebrand, Clara, *Biglerville, Pa.*
 Hobaugh, Robert, *Gettysburg, Pa.*
 Hoffner, Martin, *Bristol, Pa.*
 Hoffer, Donald, *Gettysburg, Pa.*
 Holland, Donald, *Gettysburg, Pa.*
 Hollandsworth, Kenneth, *Dillsburg, Pa.*
 Hostetter, Margaret, *Thomasville, Pa.*
 Houser, John, *Gettysburg, Pa.*
 Hoyt, George, *Palmyra, N. J.*
 Hunsberger, Don, *Philadelphia, Pa.*
- Jacobs, Frances, *Gettysburg, Pa.*
 Joslyn, John, *Syracuse, N. Y.*
- Kerr, Marilyn, *Abadan, South Iran*
 Killalea, Madeleine, *Gettysburg, Pa.*
 King, Earl, *Baltimore, Md.*
 Kleinfelter, Don, *Middletown, Pa.*
 Klingler, Don, *York, Pa.*
 Knecht, Roger, *Middletown, Pa.*
 Korman, Elsie, *Hoboken, N. J.*
- Laing, William, *Westfield, N. J.*
 Larimore, Frances, *Smithsburg, Md.*
 Lawler, Thomas, *Sparta, N. J.*
 Late, Joan, *Thurmont, Md.*
 Lecarpentier, Edward, *Reisterstown, Md.*
 Lee, Barbara, *Collingswood, N. J.*
 Lee, David, *State College, Pa.*
 Lehr, William, *Floral Park, N. Y.*
 Leidholdt, Barbara, *Drexel Hill, Pa.*
 Leidich, John, *Sheridan, Pa.*
 Libby, Jack, *Burnham, Pa.*
 Lohrke, Susan, *Conyngham, Pa.*
 Loker, Donzel, *Bethesda, Md.*
 Long, Carol, *Hagerstown, Md.*
 Long, Marguerite, *Gettysburg, Pa.*
 Long, Robert, *Uniontown, Pa.*
 Losee, Dwight, *Dobbs Ferry, N. Y.*
 Lyons, Donald, *York, Pa.*
- McClair, Robert, *Bethlehem, Pa.*
 McMullen, Floyd, *Gettysburg, Pa.*
 McMullen, Lois, *Gettysburg, Pa.*
 McNally, Henry, *Gettysburg, Pa.*
 Mackley, David, *Littlestown, Pa.*
 Mahoney, James, *York, Pa.*
 Mailman, Morton, *Philadelphia, Pa.*
 Mann, Robert, *Cumberland, Md.*
 Marsh, John, *Westminster, Md.*
 Martin, Richard, *Garden City, N. Y.*
 Mask, John Q., *Plymouth, Pa.*

Mecaughey, Williams, *Harrisburg, Pa.*
 Meskin, Akhar, *Tehran, Iran*
 Metzger, Charles, *Pennington, N. J.*
 Miller, Carl, *Hanover, Pa.*
 Miller, Marian, *Harrisburg, Pa.*
 Mitchell, Gareth, *Springdale, Pa.*
 Morschauer, Neal, *Gettysburg, Pa.*
 Motter, Lewis, *Littlestown, Pa.*
 Mudd, Samuel, *Gettysburg, Pa.*

Nassehi, Fraidoun, *Tehran, Iran*
 Neely, Carl, *New Cumberland, Pa.*
 Nell, Thomas, *New Oxford, Pa.*
 Niebler, R. David, *Gettysburg, Pa.*
 Noel, Kay Robert, *York, Pa.*

Ochshorn, Marek, *Toronto, Canada*
 Oyler, Guy, *Gettysburg, Pa.*

Peck, Jonathan, *Wayne, Pa.*
 Pelton, Ken, *Westfield, N. J.*
 Penniman, Glenn, *Lake Wales, Fla.*
 Pennington, Phelps, *Gettysburg, Pa.*
 Petty, Charles, *Bronx, N. Y.*
 Pflug, Garry, *Valley Stream, N. Y.*
 Pingatore, Abble, *Long Branch, N. J.*
 Piver, M. Steve, *Washington, D. C.*
 Pottleiger, Lester, *Harrisburg, Pa.*

Rahn, Donna, *Williamstown, N. J.*
 Ramer, John, *Gettysburg, Pa.*
 Ramsey, Jack, *Harrisburg, Pa.*
 Reeser, David, *Wyomissing, Pa.*
 Register, Robert, *Princeton, Ill.*
 Reich, Ira, *Hillside, N. J.*
 Reich, Richard, *Hewlett, N. Y.*
 Renner, Helen, *Littlestown, Pa.*
 Rex, Richard, *Philadelphia, Pa.*
 Ridinger, John, *Gettysburg, Pa.*
 Rightmyer, John, *Hamburg, Pa.*
 Rocks, Hugh, *Waynesboro, Pa.*
 Rothstein, Beulah, *York, Pa.*
 Rumney, Don, *Gettysburg, Pa.*

Sanders, Gerald, *Gettysburg, Pa.*
 Sarmad, Farrokh, *Tehran, Iran*
 Scott, Sarah, *Gettysburg, Pa.*
 Sepulveda, Robert, *Gettysburg, Pa.*
 Shanaberger, Richard, *Bronxville, N. Y.*
 Shenk, Frederick, *Wyomissing, Pa.*
 Shepard, William, *Gettysburg, Pa.*
 Sherman, Jo Ann, *Gettysburg, Pa.*
 Shirey, Elmer, *Pittsburgh, Pa.*
 Sholly, Lee, *Myerstown, Pa.*
 Smith, Hubert, *Dillsburg, Pa.*
 Smith, Mitzi, *Mont Alto, Pa.*
 Snyder, Wallace, *Groton, Conn.*

Sowers, Clyde, *Fairfield, Pa.*
 Stahl, Norman, *Langhorne, Pa.*
 Starinchuck, John, *Rutherford, N. J.*
 Staub, Ronald, *Hanover, Pa.*
 Stearns, Charles, *Williamsport, Pa.*
 Stein, Stewart, *Camp Hill, Pa.*
 Steiner, Joseph, *Waynesboro, Pa.*
 Stern, Benjamin, *Friedens, Pa.*
 Sterner, Marlene, *Hanover, Pa.*
 Stevens, Mary, *York, Pa.*
 Stewart, John R., *Gettysburg, Pa.*
 Stiteler, David, *Bloomsburg, Pa.*
 Stott, James, *York, Pa.*
 Strobel, Carl, *White Plains, N. Y.*
 Stroehmann, Frederick, *Williamsport, Pa.*
 Susser, Nancy Ellen, *Meyersdale, Pa.*
 Swope, Don, *Dover, Pa.*

Toddes, John R., *Gettysburg, Pa.*
 Toggas, Samuel, *York, Pa.*
 Topolski, Walter, *Camden, N. J.*
 Toppel, Patricia, *Teaneck, N. J.*
 Trace, Lorena, *Waynesboro, Pa.*
 Trimmer, Jacob, *Carlisle, Pa.*

Ulrich, John, *Livingston, N. J.*

Van Houten, David, *Berwick, Pa.*
 Van Houten, Paul, *Berwick, Pa.*
 Van Istendahl, George, *Collingswood, N. J.*
 Villard, Bruce, *Bethlehem, Pa.*
 Vovakis, James, *Carlisle, Pa.*

Wagner, Barbara, *York, Pa.*
 Wagner, Richard, *Gettysburg, Pa.*
 Wagnild, Signe, *Gettysburg, Pa.*
 Walker, James, *Gettysburg, Pa.*
 Wampler, Norman, *York, Pa.*
 Warfel, Francis, *Lancaster, Pa.*
 Weber, John, *Pikesville, Md.*
 Wendler, Anna S., *Hanover, Pa.*
 Wieland, Norma, *Hagerstown, Md.*
 Wiese, Richard, *Yardley, Pa.*
 Wildasin, Cleo, *Hanover, Pa.*
 Williams, Don G., *Gettysburg, Pa.*
 Williams, Paul, *Altoona, Pa.*
 Wilson, Pete, *Gettysburg, Pa.*
 Wivel, William, *Reading, Pa.*
 Wolfe, H. Elaine, *Gettysburg, Pa.*
 Wolyniec, Frank, *Williamsport, Pa.*
 Woodrow, Jeanette, *Scotch Plains, N. J.*

Yoder, James, *Gettysburg, Pa.*
 Young, Samuel, *Hagerstown, Md.*

Zinn, Reuel, *Hanover, Pa.*

Special Students

Rita Frey
 Robert Hensel
 Mary Lou Kranias
 Esther Kurlansik
 Marlin Lauver
 James Lentz
 William Little
 Jane Naylor
 Bertha Pick
 Frank Segel

Earl Shaffer
 William Storch
 James Walker
 Kitty Wenschof
 Edwin Wentz
 Earl Wickerham
 Cleo Wildasin
 Donald Williams
 Virginia Zimmerman

Summary

Students in College First Semester 1956-57

	MEN	WOMEN	TOTAL
Seniors	224	69	293
Juniors	244	91	335
Sophomores ...	294	81	375
Freshmen	298	80	378
Special	12	7	19
	1,072	328	1,400

Geographical Distribution of Students

1956-57

STATE	STUDENTS
Pennsylvania	791
New Jersey	241
New York	139
Maryland	134
Virginia	17
Connecticut	14
Ohio	8
Florida	8
Washington, D. C.	7
Other States	41

Commencement 1956

June 3

Commencement Speaker

The Honorable George Michael Leader

Bachelor of Arts

Summa Cum Laude

John Moses Fuss, Jr.
Wilson Allen Heefner
Beverly Ann McConnell ✓
Robert Hargett Mack
*Nelson Raymond Sulouff

Magna Cum Laude

Frank Ronald Fischetti
Fred Wright Hopkins, Jr.
Ernest Carol Ilgenfritz
Carl Julius Jensen, Jr.
Ethel Lorraine Johns ✓
John William McGaughy
Richard Donald Shoemaker
Rebecca Jane Stracener
David Howard Weaner
Carol Dawn Zukwert

Cum Laude

**Jean Marie Beck ✓
Mary Nora Berthold
Charles Emerick Galbraith
Donald Clifford Kleinfelter
Marilyn Lucille Kreider
Anna Jane Latsha
Suzanne Jane Schmitt

Rite

William Powell Alexander
Roger Dean Alexis
Frederic Paul Alleva
*Walter John Antonell
**Louise Mabel Armstrong
Bertram Avis
James Wesley Ayre
*Richard Warren Ayres
Kay Alicia Baker
Gordon Messies Bankert
John Wible Basehore
Walter Barton Bastow, Jr.
Jane Deppen Bauer
Anthony John Bavosa
Mercita Adelaide Bettini
*Merle Bernard Betskoﬀ
James Louis Biehl
Barbara Bayley Binns
William Harold Black, Jr.
Shirley Ann Bollinger
Georgiana Borneman
Kenneth Charles Botensten
Earle Stuart Bower
Russell Alan Bower
Robert Emery Britt, Jr.
Thomas Henry Brower

Edward DeLong Brown
Fred Charles Brown
Ruth Allene Brown ✓
Ann Loren Buck ✓
John Henry Buggeln
Hugh Reed Burns
Robert Henry Busch
Charles Phillip Cable
Richard Mervin Campbell
Christ Chianos
Evelyn Jean Coates
William Richard Coffman, Jr.
Eugene Ignatius Cole
John Danzer Collins
Richard Roy Combs
LaVern Peter Cook
Edward Joel Cooper
Harold Bauer Cooper
Peter Malcom Cooper
Douglas May Craver
Patricia Anne Cross
Ward Morris Dahlander
Charles Edward Davies, Jr.
*Frances Alice Davis
Barry DeSatnick
Donald Gene Doane
Charles Wilfred Dolphin, II
**Jean Elizabeth Eckert
Joan Freida Ehler
Larry Donald Emler
Robert Paul Endriss
**Jan Sachs Eppleman
Harry Rodney Erwine
Donald Lee Fasnacht
Rudolph Richard Featherstone
Sylvia Louise Fenstermacher ✓
*Claude Meredith Feters
*Frederic James Filbert
John Albert Foor
Wayne Addams Frankhouser
Harry Richard Frantz
Robert Edward Franz
Frederick August Fuhrmeister, Jr.
Frank Gagliardi
John Harold Galbreath
Joseph Richard Gatto
William McAllister Gemmill
Robert George Gilchrist
Roy Edwin Gulliford
Donald Snyder Guthrie
*George Frederick Haase
Edwin Donald Hachtel
Edwin Norman Hadley, III
William Frank Hafner
Andrew Adam Hahn
Noel Franklin Hamilton
**Jay Emlen Hamlin, III

* Completed requirements August 26, 1955.

** Completed requirements January 26, 1956.

- Richard Pilkington Hammett
 David Alexander Harvey
 Robert Andrew Heder
 Ernest Wilhelm Helmke
 Gerald Herz
 Alfred Wilson Hill
 Barbara Morgan Hoffman
 Donald Austin Holck
 Van Dale Holladay
 Donald Neal Homan
 James Meyer Huffstutter
 **David Gene Hutchinson
 *Marilyn Elizabeth Huzzard
 *Bruce Richard Ihle
 Robert Wallace Ilgenfritz
 Preston Douglas Janes
 Dzintra Jekste
 David Reed Johnson
 Robert John Kaiser
 Clifford Bennett Kass
 Lee Jennings Kelbaugh, Jr.
 James Duncan Kenna
 Donald August Klassen
 Eugene Leslie Klupt
 Claude John Knol, Jr.
 William Francis Knap
 George Julius Koch, Jr.
 Nancy Krall
 Margot Meta Krautmacher
 James Richard Krum
 Ralph Frederick Kurtz
 Thomas Lord Laavy
 Glandon Rosedale Laing, Jr.
 *Robert Hershey Landino
 Philip Ronald Lantz
 Paul Alfred Larson
 **Roman Wilbur Lawecki
 Richard Joseph Stanley Lewandowski
 Charles Henry Lewis, Jr.
 **Susan Naomi Lighter
 Ralph Gustave Loen
 Raymond John Long, Jr.
 James Harry Lythgoe
 Stephen Paul McConnell
 Jane Ellen McFadden
 Thomas Bernard McGrath, Jr.
 Kenneth Roger McKean
 Chester Samuel McLaughlin
 Patricia Jane McLaughlin
 *Pushpa Lilaram Mahtani
 John Young Mamula
 John Marin Marinovich, Jr.
 Salvatore Dominick Marziale
 Frederick Vernon Masterman
 Eiichi Matsushita
 Louis Guy Mehl
 Fred Boose Millar
 Donald Leroy Miller
 William Robert Miller, Jr.
 Richard Molyneux Mitchell
 Walter Scott Mitton
 Sally Ann Mock
 Alan Donald Montgomery
 Ernest John Montgomery
 Kenneth Ellsworth Morelock
 Dale Warren Moyer
 Charles Mathews Nash, Jr.
 Jane Arlene Naylor
 Russell Howard Oursler, Jr.
 Ernest Blaine Paliszewski
 Gretchen Stansbury Parkinson
 Donald Robert Phillips
 John Robert Philson
 Bruce Carlyle Pieper
 Richard Allen Platt
 Ruth Eveline Plomgren
 Kenneth Buhlman Polak
 Sondra Ellenora Pyle
 *Walton Scott Reid, Jr.
 Herbert Curt Reimann
 *Leonard Alfred Rein
 *Dolores Rae Reindollar
 Clifford Raymond Rhode
 Robert Rhodes Rice
 **Harold Rishel Ringer
 **Robert Phillip Roberts
 Bruce Roger Roberts
 Robert Lee Rohrbaugh
 James Leigh Ruos
 Jerome Thomas Ruzicka
 John Donald Schmidt
 Paul Timothy Schmidt
 Harold James Schriver
 Stephen John Schulz
 John Nicholas Schwarz, Jr.
 Russell Frederick Seabright, Jr.
 *Jerold Marc Seidman
 Richard Eugene Selby
 William Adolf Sells, Jr.
 Robert Arthur Sentt
 James Bennett Sevebeck
 Earl William Shaffer, Jr.
 Warren Hamer Shaffer, Jr.
 William Henry Shank, III
 Robert Sharp, Jr.
 David Harold Sheetz
 **Richard Huber Shetler
 Clinton Conrad Shettle
 Joan Louise Shimkus
 Frederick Hoffman Shisler
 Rodney Gene Shuff
 **Ruth Elaine Siegert
 Alfred Otto Siegel
 *Jack DeWolff Silberman, Jr.
 John Frederick Silcox, Jr.
 Alexander James Small
 Charles Wayne Smith
 Carolyn Sue Snyder
 Charles Franklin Snyder
 Samuel Milton Sollenberger
 James Francis Soltesz
 Gerald Lee Spangler
 *Edwin Russel Spicer
 Gordon Spillinger
 *Robert Halsey Stark
 Clair Walker Starnner
 Joan Elaine Stein
 William Powell Stewart
 Neil Arthur Stone
 Patricia Marie Stoner
 Jacob Wayne Strellein
 Robert Charles Swenk
 Arthur David Swierstra
 Alba Louise Catalano Tarman
 Robert William Teskey
 Emerson Richard Tracy
 David Ingles Turnbull, Jr.
 Walter King VanNest
 Barbara Katharina Votens
 John Chandlee Weaver
 George Ronald Wenzell
 Ralph Thomas Werley
 Donna Jane Whitel
 **Herbert Spafford Wilbur, Jr.
 Donald Gary Williams
 Otto William Woltersdorf, Jr.
 Albert Parker Woodward
 **H. Sheldon Yingst
 Enos Long Young, Jr.
 Walter Kwai Whun Young

* Completed requirements August 26, 1955.

** Completed requirements January 26, 1956.

Bachelor of Science in Physical Education

Barry Dorain Attig
Robert Anthony DeBoise
John Henry Dudley, Jr.
Michael Duka
Richard Joseph Hockenbury

Nancy Marie Husbands
Richard Rhuel McLeary
William Daniel Morro
Kathleen Ann Naus
Kenneth Irvin Woodhall

Valedictorian

Wilson Allen Heefner

Salutatorian

Carol Dawn Zukswert

Highest Class Honors

Senior

Wilson Allen Heefner
Beverly Ann McConnell
Carol Dawn Zukswert

Class Honors

Senior

Jane Deppen Bauer
Mary North Berthold
Donald Gene Doane
**Jan Sachs Eppleman
Frank Ronald Fischetti
John Moses Fuss, Jr.
Fred Wright Hopkins, Jr.
Ernest Carol Ilgenfritz
Carl Julius Jensen, Jr.
Ethel Lorraine Johns
Marilyn Lucille Kreider
Jane Ellen McFadden
John William McGaughy
Robert Hargett Mack
Louis Guy Mehl
Suzanne Jane Schmitt
Russell Frederick Seabright, Jr.
Richard Donald Shoemaker
Rebecca Jane Stracener
David Howard Weaner

Highest Class Honors

Junior

John Michael Bishop
Carol Ann Traynor

Class Honors

Junior

Edwin Bachman
Joan Frances Benfer
Samuel Moffit Eppley
Charles Franklin Eshleman, Jr.
Norma Dawn Grimes
Amy Lee Hibberd
Donald Eugene Hafford
Ronald Milo
Samuel Alexander Mudd
John Pennell Neikirk
Raymond David Niebler
Morris Steve Piver
Martha Anna Rilling
Barbara Lewis Ritz
Joan Lee Schick

Sandra Carver Schildnecht
Jeanette Ann Scott
Ruth Marie Stromberg
Mary Ann Sulzer
Ronald Gene Van Blargan
Frederick Sheely Weiser
Cynthia Fern Wertz
Shirley Louise White
Lois Ellen Winneberger

Class Honors

Sophomore

Kenneth Charles Anderson
Phyllis Andrea Ball
Willard Henry Beale
Barbara Ellen Bogue
Elaine Rochelle Bonnett
Dorothy Schulz Britt
Elizabeth Ann Brown
Sara Louise Clouser
James Wilson Delchert
Margaret Huettenreiter
John Welle Kirst
Ada Louise Kreider
Valerie Linkins
Lynn Mansell Loudon
William Henry Neff, Jr.
Julia Margo Owens
Roger Merrill Patches
Robert Leroy Register
Jo Ann Sherman
Kevin Blair Thomas
Janet Mears Varner
Anne Mabel Wilson
Jeannette Sylvia Zulick

Class Honors

Freshman

Sandra Marie Amundsen
Howard Taylor Beagle
Patricia Ann Day
Guy Shannon Edmiston
Edna Bertha Grommisch
Fred McCleaf Herring
Donald James Holland
Margaret Kilpatrick
Janet Helen Lowry
Martha Diana Mayer
George David Myers
Ronald Larry Paul
Sara Jane Schneider
J. Arthur Seebach
John Joseph Wenzke
Robert Bruce Wolf
Evelyn Fairbanks Zwahl

** Completed requirements January 26, 1956.

Departmental Highest Honors*In Bible*

*Nelson Raymond Sulouff

In Biology

Wilson Allen Heefner

In Chemistry

Donald Clifford Kleinfelter

In Business Administration and Economics

John Moses Fuss, Jr.

Neil Arthur Stone

In English

Ethel Lorraine Johns

In Greek

Robert Hargett Mack

In History

Carol Dawn Zukswert

In Physics

David Howard Weaner

In Political Science

Carl Julius Jensen, Jr.

In Psychology

Beverly Ann McConnell

In Spanish

Rebecca Jane Stracener

Departmental Honors*In Biology*

**Jean Marie Beck

Marilyn Lucille Kreider

In Business Administration and Economics

James Richard Krum

Richard Donald Shoemaker

In English

Mary Nora Berthold

In French

Suzanne Jane Schmitt

In Greek

Russell Frederick Seabright, Jr.

In History

Raymond John Long, Jr.

Ralph Thomas Werley

In Latin

Fred Wright Hopkins, Jr.

In Mathematics

Ernest Carol Ilgenfritz

John William McGaughy

In Philosophy

Frank Ronald Fischetti

In Physical Education

Ruth Allene Brown

Richard Joseph Hockenbury

Kathleen Ann Naus

Enos Long Young, Jr.

In Psychology

Barbara Bayley Binns

Charles Emerick Galbraith

Barbara Morgan Hoffman

Gretchen Stansbury Parkinson

Seniors Elected to Phi Beta Kappa

Frank Ronald Fischetti

John Moses Fuss, Jr.

Wilson Allen Heefner

Fred Wright Hopkins, Jr.

Donald Clifford Kleinfelter

Marilyn Lucille Kreider

Beverly Ann McConnell

John William McGaughy

Robert Hargett Mack

Richard Donald Shoemaker

Rebecca Jane Stracener

*Nelson Raymond Sulouff

David Howard Weaner

Carol Dawn Zukswert

Seniors in Gettysburg Honor Society

**Jean Marie Beck

Edward Joel Cooper

Edwin Norman Hadley, III

Fred Wright Hopkins, Jr.

Marilyn Lucille Kreider

James Richard Krum

Glandon Rosedale Laing, Jr.

John William McGaughy

Chester Samuel McLaughlin

William Robert Miller, Jr.

Kathleen Ann Naus

Ruth Eveline Plomgren

Suzanne Jane Schmitt

Frederick Hoffman Shisler

Rebecca Jane Stracener

Jacob Wayne Strelein

Barbara Katharina Votens

Ralph Thomas Werley

Carol Dawn Zukswert

**American Association of University Women
Gift Membership**

Suzanne Jane Schmitt

Association of the United States Army Prize

Douglas May Craver

Baum Mathematical Prize

David Couter Kessler

Joyce Madeleine Potter

With Honorable Mention

Elizabeth Madeline Schuler

Beachem Award

H. Sheldon Yingst

Richard Joseph Hockenbury

Beta Beta Beta*Junior Award*

Lewis Victor Kost, Jr.

Beta Beta Beta*Provisional Award*

Elizabeth Ann Brown

* Completed requirements August 26, 1955.

** Completed requirements January 26, 1956.

C. E. Bilheimer Award

Ruth Allene Brown
Kathleen Ann Naus
Enos Long Young, Jr.

Chi Omega Social Science Award

Carol Dawn Zukswert

Class of 1916 Prize

Chauncey Oliver Yingst

Delta Gamma Alumnae Association Award

Martha Anna Rilling

Delta Phi Alpha Prize

Charles Franklin Eshleman, Jr.

Anthony di Palma Memorial Award

Frederick Sheely Weiser

Margaret E. Fisher Memorial Award

Joseph Mark Robinski

Garver Greek Prize

Ada Louise Kreider

With Honorable Mention

Wayne Arland Ewing
J. Arthur Seebach

Garver Latin Prize

Guy Shannon Edmiston, Jr.

German Art Awards

Frederick Arthur Foltz
Irving Ray Glover
Amy Lee Hibberd
Margaret Huettenreiter
Eleanor Elizabeth Zoerbel

Graeff English Prize

Ethel Lorraine Johns

Hamme Award

John Michael Bishop
Joanne Shirley Banks
Frederick Sheely Weiser

Hanson Award

Donald Clifford Kleinfelter

Hassler Latin Prize

Joan Frances Benfer

Lutheran Brotherhood Award

John Michael Bishop
Joanne Shirley Banks

George R. Miller Memorial Award

David Howard Weaner

Military Memorial Prize

Kenneth Roger McKean
Air Science

Douglas May Craver
Military Science

Moore Award

Carl Dawn Zukswert

Muhlenberg Freshman Prize

Guy Shannon Edmiston, Jr.

Nicholas Bible Prize

Frank Ronald Fischetti

Phi Delta Epsilon Award

Joan Elaine Stein
Jacob Wayne Streilein

Phi Sigma Iota Prize

Suzanne Jane Schmitt
Rebecca Jane Stracener

Sceptical Chymists Prize

Samuel Moffit Eppley

Stine Chemistry Prize

Donald Clifford Kleinfelter

Weaver Scholarship Foundation

William Powell Stewart
Donald Snyder Guthrie

Zimmerman Senior Prize

Jacob Wayne Streilein

United States Army Commissions

Commissioned as Second Lieutenants in the United States Army Reserve

Edward DeLong Brown
*Fred Charles Brown
†John Henry Buggein
Christ Chianos
LaVern Peter Cook
**Douglas May Craver
*Barry DeSatnick
†Theodore George Elser
Andrew Adam Hahn
*Van Dale Holladay
*Preston Douglas Janes

†Robert Rhodes Rice
Bruce Roger Roberts
†John Donald Schmidt
Robert Sharp, Jr.
Alexander James Small
Gerald Lee Spangler
Robert Charles Swenk
John Chandlee Weaver
*Ralph Thomas Werley
**Donald Gary Williams

* Distinguished Military or AFROTC Graduates.

† To be Commissioned in Summer, 1956.

** Distinguished Military Graduates to be commissioned in Regular Army.

United States Air Force Commissions

Commissioned as Second Lieutenants in the United States Air Force Reserve

William Powell Alexander
Bertram Avis
William Harold Black, Jr.
† Russell Alan Bower
Robert Henry Busch
Harold Bauer Cooper
Michael Duka
Larry Donald Emler
* John Albert Foor
Harry Richard Frantz
Frederick August Fuhrmeister, Jr.
* Edwin Norman Hadley, III
Alfred Willson Hill
Richard Joseph Hockenbury
Donald Austin Holck
Thomas Lord Laavy
* John William McGaughey
* Kenneth Roger McKean

John Young Mamula
Fred Boose Millar
Walter Scott Mitton
Dale Warren Moyer
Charles Mathews Nash, Jr.
Ernest Blaine Paliszewski
Bruce Carlyle Pieper
Herbert Curt Reimann
Jerome Thomas Ruzicka
Harold James Schriver
James Bennett Sevebeck
William Henry Shank, III
John Frederic Silcox, Jr.
† James Francis Soltesz
Gordon Spillinger
* Neil Arthur Stone
Walter King VanNest
† George Ronald Wenzell

Honorary Degrees

Doctor of Divinity

Frank Hiatt Clutz
Donald Russel Heiges
William Franklin Sunday

Doctor of Humane Letters

George Michael Leader

*** Spurgeon Milton Keeny
Mildred Evelyn Winston

Doctor of Laws

Chester Hager Rhodes
Voight, Rhodes Cromer

* Distinguished Military or AFROTC Graduates.

† To be Commissioned in Summer, 1956.

*** Conferred in Convocation, March 26, 1956.

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Correspondence Directions

For information about:

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The Dean

ADMISSION OF STUDENTS, SCHOLARSHIPS, REQUESTS FOR CATALOGS

The Dean of Admissions

STUDENT AFFAIRS, DORMITORIES

The Dean of Students

TRANSCRIPTS OF COLLEGE RECORDS

The Registrar

ALUMNI AFFAIRS

The Director of Alumni Affairs

STUDENT AND ALUMNI PLACEMENT

The Director of Placement

COLLEGE BILLS

The Business Manager

CATALOG NUMBER

Gettysburg College Bulletin

Founded in 1832

REGISTER FOR 1957-1958

ANNOUNCEMENT OF COURSES 1958-1959

Vol. XLVIII - March, 1958 - No. 3

GETTYSBURG COLLEGE

GETTYSBURG, PENNSYLVANIA

The provisions of this bulletin are not to be regarded as an irrevocable contract between the College and the student. The College reserves the right to change any provision or requirement at any time, but its practice is to make no provisions retroactive.

*Published in January, February, March, April,
June, October*

Entered at the Post Office at Gettysburg, Pa., as second class matter under
Act of Congress August 24, 1912

Foreword

Objectives of Gettysburg College

Gettysburg College, an independent, church-related college, seeks to encourage the sound development of its students in an atmosphere of Christian ideals. In particular, the aims of the College may be stated as follows:

- (1) To emphasize to the student the importance of the Christian faith as an integrating force in life.
- (2) To develop his interest in the physical and social sciences and in the humanities, to enrich his appreciations, and to help him acquire a worth-while philosophy of living.
- (3) To enable him to gain a broad and solid preparation for his chosen work and to take a creative part in society.
- (4) To nurture his physical well-being; to train him in wise use of his leisure time; and to help him recognize his responsibility to his fellow man.

Thus Gettysburg College seeks to provide for the spiritual, intellectual, social, and physical growth of its students through the framework of an enduring philosophy of higher education, in a setting of intimate personal contacts between teacher and student.

Institutional Rating

Gettysburg College is on the accreditation lists of the Middle States Association of Colleges and Secondary Schools, the Board of Regents of the State of New York, the Department of Public Instruction of Pennsylvania, and others. It is a member of the National Commission on Accreditation.

Approval by the American Medical Association and the American Association of University Women, membership in Phi Beta Kappa and in the American Chemical Society, and approval by other similar organizations are additional indications of good standing.

This rating means that credits granted by Gettysburg College are accepted at face value by other colleges, universities, and graduate and professional schools.

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CALENDAR FOR 1957-1958-1959

(Session days are indicated by bold italic)

1957

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T		
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8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	8	9	10	11	12		
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19		
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	25	26		
29	30	—	—	—	—	—	27	28	29	30	31	—	—	24	25	26	27	28	29	30	29	30	31	—	—		

1958

JANUARY							FEBRUARY							MARCH							APRIL				
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12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24
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SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER					
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1959

JANUARY							FEBRUARY							MARCH							APRIL				
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MAY							JUNE							JULY							AUGUST				
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31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30	31	---	---	---

COLLEGE CALENDAR

1958-1959

1958

June 11
July 18
July 21
August 29

SUMMER SESSION

Wednesday, Registration
Friday, First session ends
Monday, Second session begins
Friday, Second session ends

FALL SEMESTER

September 13-19
September 20
September 22
October 11
October 25
November 10
November 26

December 1
December 17

Saturday-Friday, Orientation Week and Registration
Saturday, Formal Opening Exercises, 11:00 A.M.
Monday, Classes begin 7:50 A.M.
Saturday, Father's Day
Saturday, Alumni Homecoming
Monday, Mid-Semester Reports
Wednesday, Thanksgiving Recess begins 12:00 noon
Monday, Thanksgiving Recess ends 7:50 A.M.
Wednesday, Christmas Recess begins 7:50 A.M.

1959

January 5
January 7-8-9

January 19-28

Monday, Christmas Recess ends 7:50 A.M.
Wednesday-Friday, Senior Comprehensive Examinations

Monday-Wednesday, Mid-year Examinations

SPRING SEMESTER

February 3
February 4
February 16-18
March 13-15
March 23
March 25
April 1
April 11
April 29
May 2
May 6-8

May 21-30
June 6
June 7

Tuesday, Registration
Wednesday, Classes begin
Monday-Wednesday, Religious Emphasis Week
Friday-Sunday, Interfraternity Weekend
Monday, Mid-Semester Reports
Wednesday, Easter Recess begins 7:50 A.M.
Wednesday, Easter Recess ends 7:50 A.M.
Saturday, Competitive Examinations
Wednesday, Spring Registration
Saturday, Mother's Day
Wednesday-Friday, Senior Comprehensive Examinations

Thursday-Saturday, Final Examinations
Saturday, Alumni Day
Sunday, Commencement

Board of Trustees

Trustee, Emeritus

*First
Elected*

*Term
Expires*

1939 EDWARD W. FURST, Swarthmore

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1956	WILLARD S. PAUL, Gettysburg, Pa.	
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1949	PAUL R. SIEBER, M.D., Pittsburgh	1961
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1952	W. EMERSON GENTZLER, <i>Alumni Representative</i> , Teaneck, N. J.	1958
1952	LESTER GINGERICH, Philadelphia	1958
1953	PAUL H. RHOADS, <i>Alumni Representative</i> , Harrisburg ..	1959
1954	NELSON E. FISHER, M.D., Chicago	1960
1954	WALTER E. GARMAN, <i>Alumni Representative</i> , Baltimore ..	1960
1954	LLOYD VAN DOREN, PH.D., New York	1960
1954	GORDON WHITCRAFT, Philadelphia	1960
1954	BERTRAM WILDE, Philadelphia	1960
1955	GEORGE B. BAKER, <i>Alumni Representative</i> , Haddon Heights, N. J.	1961
1955	HORACE G. PORTS, <i>Secretary</i> , York	1961
1955	DONALD K. WEISER, Chicago, Ill.	1961
1956	MRS. LOUELLA MUSSELMAN ARNOLD, <i>Alumni Representative</i> , Assistant Secretary, Biglerville	1962
1957	LUTHER RITTER, <i>Alumni Representative</i> , Littlestown ..	1963

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CHAIRMAN OF THE BOARD OF TRUSTEES

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B.S., *The Johns Hopkins University*; A.M., *American University*.

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A.B., A.M., *Roanoke College*; B.D., *Gettysburg Theological Seminary*; D.D., *Gettysburg College*; LL.D., *Bucknell University*, *Lafayette College*, and *Wittenberg College*.

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Administrative Assistant to the President

A.B., *Gettysburg College*.

C. PAUL CESSNA

Assistant to the President, Historian

A.B., A.M., *Gettysburg College*.

EDWERTH E. KORTE

Chaplain

A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*.

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A.B., *Gettysburg College*; LL.B., *University of Pennsylvania*.

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Dean of the College

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CHARLES R. WOLFE

Dean of Admissions

A.B., A.M., *Gettysburg College*.

MARTIN H. CRONLUND

Admissions Counselor

A.B., *Gettysburg College*; A.M., *Temple University*.

†**JAMES I. TARMAN**

Admissions Counselor

A.B., *Gettysburg College*.

†Resigned February 1, 1958.

MILDRED H. HARTZELL

Registrar

B.S., *Gettysburg College.*

JOHN H. KNICKERBOCKER

Librarian

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DOROTHY J. RIDDAGH

Assistant Librarian

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SARAH B. WESTINE

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Assistant in Charge of Stacks

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MARTHA STOREK

Dean of Women

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W. RAMSAY JONES

Dean of Men

A.B., *Gettysburg College.*

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Special Counselor

B.S., *Franklin and Marshall College*; A.M., *The Johns Hopkins University.*

JAMES H. ALLISON

Medical Director

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RAYMOND SHEELY

Medical Associate

A.B., *Gettysburg College*; M.D., *University of Pennsylvania.*

ADA TUCKEY, R.N.
Head Nurse

F. STANLEY HOFFMAN
Business Manager
B.S., M.S., *Gettysburg College.*

JAY BROWN
Bursar

REX MADDOX
Superintendent of Buildings and Grounds

RAYMOND STROHM
Book Store Manager

†ROBERT L. KUNES
Assistant to the President, Director of Development
A.B., *Gettysburg College*; Ed.M., *Temple University.*

RAYMOND S. DAVIS
Assistant to Director of Development
B.S., *Gettysburg College.*

ROSEA ARMOR
Administrative Assistant to the Director of Alumni Relations

†Resigned effective June 30, 1958.

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WILLARD STEWART PAUL, *President*

B.S., *The Johns Hopkins University*; A.M., *American University*.

SEYMOUR B. DUNN, *Dean*

A.B., *Dartmouth College*; A.M., Ph.D., *Cornell University*.

Emeriti

HENRY W. A. HANSON, *President, Emeritus*

A.B., A.M., *Roanoke College*; B.D., *Gettysburg Theological Seminary*; D.D., *Gettysburg College*; LL.D., *Bucknell University*, *Lafayette College*, and *Wittenberg College*.

WILBUR E. TILBERG, *Dean of the College, Emeritus*

A.B., *Bethany College*; A.M., *University of Kansas*; Ph.D., *University of Wisconsin*.

CHARLES F. SANDERS, *Professor of Philosophy, Emeritus*

A.B., A.M., *Gettysburg College*; D.D., *Lafayette College*.

CLAYTON E. BILHEIMER, *Professor of Physical Education, Emeritus*

M.E., *Lehigh University*; A.M., *Columbia University*.

CHESTER G. CRIST, *Medical Director, Emeritus*

M.D., *Medico Chi of Philadelphia*.

FRANK H. KRAMER, *Professor of Education, Emeritus*

A.B., *Gettysburg College*; A.M., Ph.D., *University of Pennsylvania*.

Professors

*RICHARD A. ARMS, *Alumni Professor of Mathematics and Director of Dramatics*

A.B., *Ursinus College*; Ph.D., *University of Pennsylvania*.

*JOHN B. ZINN, *Ockershausen Professor of Chemistry*

B.S., *Gettysburg College*; Ph.D., *The Johns Hopkins University*.

*ROBERT FORTENBAUGH, *Adeline Sager Professor of History*

A.B., *Gettysburg College*; Graduate, *Lutheran Theological Seminary, Gettysburg*; A.M., *Syracuse University*; Ph.D., *University of Pennsylvania*.

*Head of the Department.

- *WILLIAM C. WALTEMYER, *Amanda Rupert Strong Professor of English Bible*
A.B., *Gettysburg College*; B.D., *Gettysburg Theological Seminary*; A.M.,
Ph.D., *American University*.
- *ALBERT BACHMAN, *Professor of Romance Languages*
Ph.D., *University of Zurich*; Agregation, *University of Zurich*; Ph.D.,
Columbia University.
- *JOHN G. GLENN, *Pearson Professor of Latin*
A.B., A.M., *Wesleyan University*; Ph.D., *Princeton University*.
- *EARL BOWEN, *Dr. Charles H. Graff Professor of Biology*
A.B., *Hendrix College*; A.M., Ph.D., *Harvard University*.
- *WILLIAM K. SUNDERMEYER, *Professor of German*
Ph.D., *University of Goettingen*.
- *WILLIAM FREDERICK SHAFFER, *Franklin Professor of Greek*
A.B., A.M., Ph.D., *Princeton University*.
- *NORMAN E. RICHARDSON, JR., *William Bittering Professor of Philosophy*
A.B., *Amherst College*; B.D., *Yale Divinity School*; Ph.D., *Yale University*.
- *KENNETH L. SMOKE, *Professor of Psychology*
A.B., A.M., Ph.D., *Ohio State University*.
- *PARKER B. WAGNILD, *Professor of Music*
A.B., *St. Olaf College*; M.S.M., *Union Theological Seminary*; B.D., *Gettysburg Theological Seminary*; A.M., *New York University*.
- *MILTON L. STOKES, *Professor of Economics*
A.B., A.M., LL.B., *University of Toronto*; Ph.D., *University of Pennsylvania*.
- *†M. ESTHER BLOSS, *Professor of Sociology*
A.B., *Cornell University*; A.M., Ph.D., *Columbia University*.
- *HENRY T. BREAM, *Professor of Health and Physical Education*
B.S., *Gettysburg College*; A.M., *Columbia University*.
- *HOWARD CHARLES LONG, *Professor of Physics*
B.S., *Northwestern University*; Ph.D., *Ohio State University*.
- FRANCIS C. MASON, *Professor of English*
A.B., A.M., *University of Virginia*; A.M., *Harvard University*; Ph.D., *University of Virginia*.
- C. ALLEN SLOAT, *Professor of Chemistry*
B.S., *Gettysburg College*; A.M., *Haverford College*; Ph.D., *Princeton University*.

*Head of the Department.

†On leave of absence.

*RICHARD B. GEYER, *Professor of English*A.B., A.M., *Miami University*; Ph.D., *Northwestern University*.*RUSSELL S. ROSENBERGER, *Professor of Education*B.S., *Geneva College*; M.Litt., Ed.D., *University of Pittsburgh*.CLARENCE BARTHOLOMEW, *Professor of Health and Physical Education*B.S., M.S., Ed.D., *University of Pennsylvania*.*LT. COL. ROBERT M. BEECHINOR, *Professor of Military Science and Tactics*A.B., *Teachers College of Connecticut*.*LT. COL. MARTIN F. PETERS, *Professor of Air Science*A.B., *Gettysburg College*.DOROTHY DOUGLAS, *Visiting Professor of Sociology*A.B., *Bryn Mawr College*; A.M., Ph.D., *Columbia University*.

Associate Professors

HAROLD M. MESSER, *Associate Professor of Biology*Ph.B., *Brown University*; A.M., *Columbia University*.FREDERICK C. AHRENS, *Associate Professor of German*A.B., *University of Western Ontario*; A.M., Ph.D., *Columbia University*.HERBERT G. HAMME, *Associate Professor of Romance Languages*A.B., *Dickinson College*; A.M., *Gettysburg College*.GLENN S. WEILAND, *Associate Professor of Chemistry*B.S., M.S., Ph.D., *University of Maryland*.LESTER O. JOHNSON, *Associate Professor of Education*A.B., *St. Olaf College*; A.M., *University of Minnesota*.WILLIAM D. HARTSHORNE, JR., *Associate Professor of Romance Languages*A.B., A.M., *Haverford College*; *Diplôme de Professeur de français à l'étranger*, *Université de Toulouse*.EARL E. ZIEGLER, *Associate Professor of Mathematics*B.S., M.S., *Gettysburg College*.HAROLD A. DUNKELBERGER, *Associate Professor of Bible*A.B., *Gettysburg College*; B.D., *Lutheran Theological Seminary*; Ph.D., *Columbia University*.ROBERT L. BLOOM, *Associate Professor of History*B.S., *Shippensburg State Teachers College*; A.M., *Duke University*; Ph.D., *Columbia University*.

*Head of the Department.

BASIL L. CRAPSTER, *Associate Professor of History*

A.B., *Princeton University*; A.M., Ph.D., *Harvard University*.

RICHARD T. MARA, *Associate Professor of Physics*

A.B., *Gettysburg College*; M.S., Ph.D., *University of Michigan*.

WALDEMAR ZAGARS, *Associate Professor of Economics*

Ph.D., *University of Riga, Latvia*.

*INGOLF QUALLY, *Associate Professor of Art*

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**CHESTER JARVIS, *Associate Professor of Political Science*

A.B., A.M., *University of California*; Ph.D., *University of Pennsylvania*.

***W. RICHARD SCHUBART, *Associate Professor of Philosophy*

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WILLIAM C. DARRAH, *Associate Professor of Biology*

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Assistant Professors

JOSEPH K. WOLFINGER, *Assistant Professor of English*

A.B., *St. John's College*; A.M., *The Johns Hopkins University*.

HARRY F. BOLICH, *Assistant Professor of Speech*

A.B., A.M., *Bucknell University*.

CONWAY S. WILLIAMS, *Assistant Professor of Economics*

A.B., *Columbia University*; M.S., *Columbia School of Business*.

GRACE C. KENNEY, *Assistant Professor of Health and Physical Education*

B.S., *New York University*; A.M., *Columbia University*.

PAUL R. BAIRD, *Assistant Professor of Economics*

A.B., A.M., *Pennsylvania State University*.

R. HENRY ACKLEY, *Assistant Professor of Music*

A.B., *Western Maryland College*; *Peabody Conservatory of Music*.

CHARLES H. GLATFELTER, *Assistant Professor of History*

A.B., *Gettysburg College*; Ph.D., *The Johns Hopkins University*.

*Head of the Department.

**Acting Head of Department of Political Science.

***Acting Head of Department of Sociology.

WILLIAM L. SANBORN, *Assistant Professor of French*

A.B., *Dickinson College*; *Diplôme Supérieur de Civilisation Française*, *Doctorat D'Université de Paris*.

KATHRINE KRESSMANN TAYLOR, *Assistant Professor of English*

A.B., *University of Oregon*.

EDWIN D. FREED, *Assistant Professor of Bible*

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ROBERT D. BARNES, *Assistant Professor of Biology*

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E. DOUGLAS DANFELT, *Assistant Professor of Music*

B.Mus., *Eastman School of Music*; M.A., *Teachers College, Columbia University*.

CAPT. VERNON F. HORNIG, *Assistant Professor of Air Science*

B.S., *Cornell University*.

M. SCOTT MOORHEAD, *Assistant Professor of Mathematics*

B.S., M.A., *Washington and Jefferson College*; PH.D., *University of Pittsburgh*.

MAJOR LEONARD O. PETERSON, *Assistant Professor of Military Science and Tactics*

B.S., *Minnesota State College*.

MAJOR KARL C. TEUFEL, *Assistant Professor of Air Science*

B.S., *Roanoke College*; B.D., M.S.T., *Lutheran Theological Seminary, Gettysburg*.

CAPT. MONROE D. ZARTMAN, *Assistant Professor of Air Science*

B.S., *Marshall College*.

GUILLERMO BARRIGA, *Assistant Professor of Spanish*

B.S., *Columbian Naval Academy*; M.A., *Middlebury College*.

RALPH D. LINDEMAN, *Assistant Professor of English*

A.B., *University of Pittsburgh*; A.M., *Columbia University*; PH.D., *University of Pittsburgh*.

†On leave of absence.

- THEODORE C. DANIELS, *Assistant Professor of Physics*
A.B., *Oberlin College.*
- CAPT. WILLIAM R. COVINGTON, *Assistant Professor of Air Science*
A.B., *University of Georgia.*
- JAMES H. GILFORD, *Assistant Professor of Biology*
A.B., *University of Pennsylvania*; M.S., *University of Illinois*; Ph.D., *The Johns Hopkins University.*
- CAPT. FRANCIS G. HALL, *Assistant Professor of Military Science and Tactics*
B.S., *University of Pittsburgh.*
- JAMES D. PICKERING, *Assistant Professor of English*
A.B., A.M., *Wesleyan University.*
- CAPT. DANIEL R. BEIRNE, *Assistant Professor of Military Science and Tactics*
B.S., *United States Military Academy.*
- LEWIS B. FRANK, *Assistant Professor of Psychology*
B.S., *Franklin and Marshall College*; A.M., *The Johns Hopkins University.*
- ROBERT T. HULTON, *Assistant Professor of Health and Physical Education*
A.B., *Grove City College.*
- R. EUGENE HUMMEL, *Assistant Professor of Health and Physical Education*
A.B., *Gettysburg College*; A.M., *Columbia University.*
- EDWARD R. OSTRANDER, *Assistant Professor of Psychology*
A.B., *Syracuse University*; A.M., *University of Illinois.*
- GUNNAR C. SANDNES, *Assistant Professor of Biology*
B.S., *College of the City of New York*; M.S., *University of Connecticut*; Ph.D., *Stanford University.*
- HOWARD G. SHOEMAKER, *Assistant Professor of Health and Physical Education*
A.B., *Gettysburg College*; A.M., *Columbia University.*
- JOHN V. VAN INGEN, *Assistant Professor of Economics*
A.B., *Hobart College*; M.B.A., *University of Michigan.*
- ESTHER CHASE WOOD, *Assistant Professor of Psychology and Sociology*
A.B., *Pennsylvania State University*; A.M., *Columbia University.*

Instructors

- LOIS KADEL, *Instructor in Music, Christ Chapel Organist and Choir Director*
B.S., *West Chester State Teachers College*; M.S.M., *Union Theological Seminary.*

†FAYE E. WHITEHEAD, *Instructor in Health and Physical Education*
A.B., *Gettysburg College*; ED.M., *University of Buffalo*.

MARIE MCLENNAND, *Instructor in English*
A.B., A.M., *University of Pittsburgh*.

EDWARD J. BASKERVILLE, *Instructor in English*
B.S., *Lehigh University*; A.M., *Columbia University*.

LOUIS J. HAMMANN, *Instructor in Bible*
A.B., *Gettysburg College*; B.D., *Yale University Divinity School*.

C. ROBERT HELD, *Instructor in Latin*
A.B., *Gettysburg College*; A.M., *Princeton University*.

MAYNARD R. PLAYFOOT, *Instructor in Romance Languages*
A.B., A.M., *New York State College for Teachers*.

ROBERT H. TRONE, *Instructor in Bible*
A.B., *Gettysburg College*; B.D., *Yale Divinity School*.

JOHN RIDINGER, *Instructor in Physical Education*
B.S. in Health and Physical Education, *Gettysburg College*.

†RICHARD SHOEMAKER, *Instructor in Economics*
A.B., *Gettysburg College*.

PRABHAKAR S. AKOLEKAR, *Instructor in Economics*
A.M., *University of Bombay*; A.M., *University of Virginia*.

JAMES W. ALEXANDER, *Instructor in History*
A.B., *Dartmouth College*; M.S., *University of Wisconsin*.

PATRICK W. BARCLAY, *Instructor in Fine Arts*
DIPLOMA OF ART, *Edinburgh College of Art, Edinburgh University*.

ARTHUR B. BOENAU, *Instructor in Political Science*
A.B., *Amherst College*; A.M., *Columbia University*.

NORMAN CHARLES, *Instructor in English*
A.B., *Pennsylvania State University*; A.M., *University of Pennsylvania*.

GLENDON F. COLLIER, *Instructor in German*
A.B., *Franklin and Marshall College*; A.M., *University of California*.

JOSEPH B. HAMPTON, *Instructor in Political Science*
A.B., A.M., *Rutgers University*.

JANIS HATHORN
A.B., *Mary Washington College of the University of Virginia*; A.M., *New York University*.

†Resigned February 1.

JERRY L. JACKSON, *Instructor in Speech*
A.B., *University of Alabama.*

JACK LOCHER, *Instructor in English*
A.M., *University of Chicago.*

AVERY SHEAFFER, *Instructor in Sociology*
B.S., *Ohio State University*; A.M., *American University.*

DAVID H. WEANER, *Instructor in Physics*
A.B., *Gettysburg College.*

Assistant Instructors

M/SGT. DAN J. WARRINGTON, *Assistant Instructor in Air Science*

S/SGT. THOMAS G. GIMPEL, *Assistant Instructor in Air Science*

M/SCT. JAMES A. WALKER, *Assistant Instructor in Air Science*

SFC BOBBY L. DOVE, *Assistant Instructor in Military Science and Tactics*

T/SGT. WILLIAM H. DENNINGTON, *Assistant Instructor in Air Science*

SFC ARMAND F. PROSPERI, *Assistant Instructor in Military Science and Tactics*

SFC JAMES T. TOMLIN, *Assistant Instructor in Military Science and Tactics*

SGT. JAMES W. BORING, *Assistant Instructor in Military Science and Tactics*

SGT. KHLAR J. DAYE, *Assistant Instructor in Military Science and Tactics*

Lecturers

JACK R. CORBIN, *Physics*
B.S., *Millersville State Teachers College.*

ALBERT W. BUTTERFIELD, *Mathematics*
B.S., *United States Naval Academy*; A.M., *University of Michigan.*

LENA FORTENBAUGH, *German*
A.B., *Syracuse University*; A.M., *Gettysburg College.*

HELEN H. DARRAH, *Biology*
B.S., M.S., *University of Pittsburgh.*

ALFRED J. BASHORE, *Education*
B.S., *Kutztown State Teachers College.*

Private Instructors in Applied Music

J. HERBERT SPRINGER, *Organ and Piano*

Student of Tobias Matthay and of Frank Manheimer, London, England.

MARIE BUDDÉ, *Voice*

B.M., *Curtis Institute of Music; Peabody Conservatory of Music.*

TOINI K. HEIKKINEN, *Organ and Piano*

M.B., *Oberlin Conservatory.*

Assistants

VIVIAN M. KUGLE, *Biology*

MARY L. LOUDEN, *Chemistry*

A.B., *Gettysburg College.*

Faculty Committees

Advisory: ZINN, WALTEMYER, RICHARDSON.

Academic Policy: BLOOM, DUNN, GEYER, L. JOHNSON, MARA, SHAFFER, SCHUBART (Faculty Election).

Executive: AHRENS, BARTHOLOMEW, DUNN, FORTENBAUGH, FREED, GLENN, ZIEGLER (Faculty Election).

Admissions: WOLFE, DUNN, DUCK, BOLICH, BLOSS, LONG, ROSENBERGER, WOLFINGER.

Lecture and Concert: SUNDERMEYER, DANFELT, QUALLY.

Library: CRAPSTER, DARRAH, KNICKERBOCKER, SANBORN, SLOAT.

Religious Activities: BACHMAN, DUNKELBERGER, GLADFELTER, KORTE, LINDEMAN, TOWNSEND.

Scholarship and Financial Aid: WALTEMYER, BARNES, BREAM, HOFFMAN, JARVIS, MOORHEAD, SHAINLINE, WAGNILD, WOLFE.

Scholastic Standing: DUNN, BOWEN, HAMME, JONES, PLATT, SHAINLINE, STOREK, WEILAND, ZAGARS.

Student Affairs: SHAINLINE, BAIRD, GILFORD, HAMMANN, KENNEY, PICKERING, TAYLOR, ZARTMAN, JONES, STOREK.

Chairman of the Committee underlined.

The President and the Dean of the College are ex-officio members of all committees.

Location and History

Gettysburg, Pennsylvania, is located in the south-central part of the state, about thirty miles southwest of the state capital, Harrisburg. The town, with a population of approximately seven thousand, lies in the eastern foothills of the Appalachian mountains in an attractive rural setting of rich farmlands and orchards. It is the site of one of the most significant battles in military history and in the history of the nation. The battlefield, which is now a national park, is yearly visited by nearly a million tourists.

"Pennsylvania College of Gettysburg" was chartered on April 7, 1832, as the first Lutheran college in America. The primary purpose of its founders was "To train men and women as leaders who will preserve this civilization with its emphasis on the dignity of the individual as a being created in the image of God." Through the years, continued effort to fulfill this early objective has provided Gettysburg College with a rich history of progress and development.

The College first held classes in a building in town which has since become a private residence. The present campus was established in 1837, when Pennsylvania Hall, the "Old Dorm," was constructed on the former Thaddeus Stevens property. This building, which served as a hospital and headquarters during the battle, still stands in the center of the campus and functions as a men's dormitory. Expansion was accelerated after the Civil War: new buildings were erected, intercollegiate sports were started, and in 1888 women were first admitted. In 1916 the Army organized a Reserve Officers Training Corps at Gettysburg, making the College the first independent institution to have such a unit. In 1921 the name of the school was officially changed to Gettysburg College.

During the early decades of the century growth was rapid. The student body continued to grow, and many new buildings were added. In 1927, an outstanding year in the growth of the College, Breidenbaugh Science Hall and the Eddie Plank Memorial Gymnasium were completed. The curriculum was expanded to include many new courses and embrace a wide range of study. The faculty was continually augmented and has increased from the original staff of five professors

to more than one hundred members. The student enrollment now stands at approximately 1,500, a great increase from the small band of sixty-seven who crowded into the limited space of the first college home. The physical equipment of the College is now valued at approximately \$7,000,000. Gettysburg College is fully accredited and approved by all the major agencies, including membership in the National Commission on Accreditation and the American Association of University Women.

Gettysburg College feels that it has been true to its fine traditions and objectives and that it has, over the years, made a valuable contribution to the intellectual and spiritual welfare of the nation. The College will continue to accept the responsibility of providing its students with the best educational advantages that it can offer.

Buildings and Facilities

AIR SCIENCE BUILDING, a temporary structure obtained from the Army in 1947 and formerly operated as a recreation center by the Student Christian Association, now serves as headquarters and provides classroom facilities for the Department of Air Science.

ALUMNI HALL, the former Alpha Tau Omega home, has been rented by the College for a period of two years. Located diagonally across Washington Street from the South College Gate, it houses the Office for Development, the Publicity Office, and the Alumni Office. The three offices are located on the main floor with conference rooms on the second floor. A large work room on the ground floor furnishes ample space for addressing and duplicating machines.

BREIDENBAUGH SCIENCE HALL, a large brick building of colonial design on North Washington Street, is occupied by the Departments of Chemistry and Physics and the College Radio Station, WWGC. The building was completed in 1927.

The Chemistry Laboratories occupy the north and central portions of Breidenbaugh Science Hall. General, qualitative, quantitative, organic, and physical chemistry have separate laboratories and stock rooms equipped with essential apparatus and supplies.

The departmental library, also in Breidenbaugh Hall, contains a substantial reference section adapted to nearly all branches of chemistry, and new books are constantly being added. The department subscribes to some twenty-five scientific periodicals, including the *Journal of the American Chemical Society*, *Chemical Abstracts*, the *Decennial Indices*, and a number of French and German publications.

The Physics Laboratories, in the south and central portions of Breidenbaugh Science Hall, are equipped with modern apparatus for elementary and advanced laboratory work in mechanics, heat, optics, electricity, electronics, atomic and nuclear physics. A six-foot Paschen Mounting Grating Spectrometer mounted on concrete pillars is available for research in atomic spectroscopy. Also included in the lab-

oratories is a shop equipped with precision tools for the construction of special apparatus.

The departmental library is well provided with books in all fields of physics, including the classical works, current references, and all essential journals.

BRUA HALL, erected in 1889-90, is a memorial to the parents of the late Col. John P. Brua, U.S.A. The building is used for plays, lectures, concerts, and other occasions requiring a large auditorium.

Through the generosity of the Woman's League of Gettysburg College, a large addition to Brua Hall was erected and made available to the Music Department in 1951. The Woman's League has now undertaken the reconstruction of Brua Hall to provide better facilities for the Music Department.

CHRIST CHAPEL, completed for daily chapel services in September, 1953, stands opposite Weidensall Hall. The Chapel constitutes the visible center of the religious life of the campus and a memorial to the devotion of the many friends of the College whose gifts made its erection possible.

There are nine classrooms, an art studio, and the offices of the Departments of Fine Arts, German, and Sociology and Social Work in the basement of the Chapel.

COLLEGE BOOK STORE, situated at the intersection of Stevens and North Washington Streets, dispenses textbooks and accessories. It is owned and administered by the college. It was erected in 1939.

EDDIE PLANK MEMORIAL GYMNASIUM, a large Georgian structure completed in 1927, fulfills the functions of a gymnasium, social hall, armory, and auditorium. The lower floor is occupied by the rifle range and other facilities of the ROTC, locker and dressing rooms, and showers. On the main floor are the gymnasium proper, a stage, and the offices of the Department of Physical Education. The Department of Military Science and Tactics occupies offices in the gallery.

GLATFELTER HALL, erected in 1888-89 and named in honor of the late P. H. Glatfelter of Spring Grove, Pennsylvania, a former trustee, was extensively remodeled in 1929 by means of a generous gift from a friend of the College. The building is fire-resistive throughout.

The first floor of Glatfelter Hall is occupied by the College Administration, the Departments of Mathematics, Latin, and Psychology. The Departments of Bible, History, Philosophy, Greek, and English have their offices and classrooms on the second floor. On the third floor are the Departments of Economics, Education, and Biology. Classrooms of the Department of Military Science and Tactics are in the basement.

The Biological Laboratories in Glatfelter Hall are equipped with carefully selected materials and apparatus necessary for both the elementary and the advanced courses in the biological sciences.

The reading room of the Biology Department is provided with current biological journals and essential reference works, to which additions are continually being made. This room is also used for the meetings of the Seminar and other small groups.

A temporary structure, attached to the west side of Glatfelter Hall and known as the Annex, provides four auxiliary classrooms.

HANSON HALL, a new dormitory for 104 girls, was opened for occupancy in the fall of 1950, and dedicated in honor of President Emeritus and Mrs. Henry W. A. Hanson. It contains an apartment, two snack kitchens, five sorority rooms and lounges, and an apartment for the Head Resident.

HUBER HALL, a building of colonial design fronting on Carlisle Street, is a dormitory for women students with two recreational lounges and an apartment for the Head Resident.

THE INFIRMARY, on West Lincoln Avenue, provides for the isolation of contagious diseases, as well as the usual medical services. It is served by four nurses, under the supervision of a medical director.

THE LIBRARY contains about eighty thousand volumes, including essential reference works and a serviceable collection of pamphlets, periodicals, and pictures. A number of valuable gifts of books have been received over the years; funds are available to meet the special needs of each department; and the general collection is being constantly increased.

The present building, Georgian in style, was opened to the students in the fall of 1929. It has a book capacity of one hundred thousand volumes and a seating capacity of three hundred readers. It contains

reference and general reading rooms, seminar rooms, ample stock space, and accommodations for the library staff.

MCKNIGHT HALL, erected in 1898 and named in honor of Harvey W. McKnight, fourth President of the College, is a three-story dormitory accommodating about fifty students. In the summer of 1949 the interior of this building was completely renovated.

OSOGA LODGE, a rustic cabin located in the South Mountains some twenty miles north of Gettysburg, serves as a scenic retreat for student and faculty groups. Two nearby lakes and a mountain creek enable college groups to enjoy boating, swimming, fishing, and other seasonal activities.

PENNSYLVANIA HALL, "Old Dorm," erected in 1836-38 and used as a hospital during the famous battle, was remodeled and improved in 1889, and again in 1925. It contains eighty-five rooms for students, some of them *en suite*, so that those who desire may have separate study and sleeping rooms.

THE PRESIDENT'S HOUSE, built in 1915, is situated on the campus at the intersection of Stevens and Carlisle Streets.

STEVENS HALL, on Carlisle Street, was refurnished by the Woman's League for the use of women students. There are accommodations for forty-eight girls, an apartment for the Head Resident, a living room, and a study room. The building was erected in 1868.

STINE HALL, a new three-story dormitory for men, located on Nixon Field northeast of the Plank Gymnasium, was opened for occupancy at the beginning of the second semester of the 1955-1956 school year.

This modern structure of brick and concrete, with tile floors throughout, accommodates 134 students.

It honors the memory of Dr. Charles M. A. Stine, '01, a former vice president of the E. I. duPont de Nemour Company in charge of research, a nationally famous chemist and long-time chairman of the Board of Trustees.

Funds for the completion of Stine Hall were provided by alumni and friends through the efforts of the Office for Development.

WEIDENSALL HALL, a colonial brick structure on North Washington Street, is the home of the Student Christian Association. The original building was erected in 1923 by the Woman's League of Gettysburg College and named in honor of Robert Weidensall, LL.D., Class of 1860, a pioneer in the work of the YMCA. In the reconstruction which followed the fire of 1946, it was greatly enlarged; and it now contains a large center hall, an auditorium, a tiled swimming pool, a lounge for students, recreation and browsing rooms, a snack bar, and the offices of the SCA, the Chaplain, the Bursar, and the *Gettysburgian*.

THE WHITE HOUSE, long used as the home of the president of the College, and later as the home of the chaplain, was erected in 1860. This building, situated on the campus, just southeast of Glatfelter Hall, now houses the Dean of the College, the Admissions Officers, the Political Science Department, and the Romance Language Department.

ADDITIONAL BUILDINGS, all located on the central campus, are the Business Office, four fraternity houses, a janitor's home, the heating plant, and certain temporary buildings.

TWO NEW MEN'S DORMITORIES completed in September, 1957, accommodate 128 students each. They are located along West Lincoln Avenue and with Stine Hall and Science Hall, form an attractive quadrangle.

THE NEW DINING HALL was completed and placed in operation in February, 1958.

TWO NEW WOMEN'S DORMITORIES to be completed in September, 1958, and located between Hanson and Huber Halls, accommodate 130 students each. Both units have ample lounges and apartments for the Head Residents.

Athletic Fields

MEMORIAL FIELD, lying west of the Eddie Plank Memorial Gymnasium, is a combination field for football and track.

IRA PLANK MEMORIAL BASEBALL FIELD, lying northwest of Eddie Plank Memorial Gymnasium and containing a diamond with 400-foot foul lines, is devoted exclusively to intercollegiate baseball.

INTRAMURAL FIELD, north of Broadway, contains four clay and four rubico composition tennis courts and soccer, lacrosse, softball, and football fields.

GIRLS' HOCKEY FIELD, lying just south of the Eddie Plank Gymnasium, is a new hockey and intramural athletic field for girls.

College Expenses

Comprehensive Fee

Gettysburg College operates under the comprehensive fee plan for the regular school year. The student pays an all-inclusive fee which covers all academic expenses except books and private lessons in music. Under such a system every student and every parent will know well in advance the exact amount of each year's College expense.

The comprehensive fee allows a student to take from 10 to 18 credit hours each semester. Anyone pursuing studies which total more than 18 credit hours per semester must pay \$25.00 for each credit hour above the 18 hours allowed.

Comprehensive Fee \$930.00

Board

College Dining Hall \$400.00

Room Rents

New Women's Dormitories	\$250.00
Hanson Hall	240.00
Huber Hall	200.00
McKnight Hall	150.00
Pennsylvania Hall (Old Dorm)	150.00
Rooms in private homes	160.00 to 265.00
Stevens Hall	150.00
Stine Hall	240.00
New Men's Dormitories	240.00

Total Yearly Expenses

	<i>Minimum</i>	<i>Liberal</i>
Comprehensive Fee	\$ 930.00	\$ 930.00
Board	400.00	400.00
Room (dormitory)	150.00	250.00
Books and Stationery (estimated) ..	75.00	125.00
	-----	-----
Estimated total cost for college year	\$1,555.00	\$1,705.00

The above tabulation does not include laundry and personal expenses, such as clothing, spending allowances, fraternity dues, and transportation.

Part-Time Students

Any student taking a program of less than 10 semester hours is considered a part-time student, and does not pay the comprehensive fee. The following rates apply for part-time students:

Tuition (per semester hour)	\$27.50
Laboratory fee (per semester, each)	17.50
Library fee (per semester)	4.00
Registration fee (per semester)	5.00

Part-time students do not receive admission tickets to intercollegiate athletic programs, nor do they participate in the health service or in student-sponsored activities unless they pay a fee of \$50.00 per year.

Payment of Bills

All College bills are due and must be paid in full before registration each semester. Each student will be billed for one-half of the yearly comprehensive fee, room rent and board charge before the beginning of each semester. Checks should be made payable to Gettysburg College and sent to the Bursar, Gettysburg College, Gettysburg, Pennsylvania.

The Veterans Administration will pay the comprehensive fee and cost of books and supplies within the legal limits for veterans attending College under the provisions of Public Laws 16 and 346. Gettysburg College has entered into a contract with the Veterans Administration whereby veterans attending College under the provisions of Public Law 550 (the Korean G.I. Bill) are eligible to receive monthly amounts from the Veterans Administration in accordance with the scale established by the Law.

No student will be permitted to be graduated, or receive a transcript of record or statement of honorable dismissal until all financial obligations to the College and community have been met.

Insured Tuition Payment Plan

The Insured Tuition Payment Plan of Boston is a combination of a prepayment installment plan covering four years of College expenses, and an insurance policy guaranteeing payment for completion of the four years in the event of the death of the person financing the student's education. It is available to all entering students through Mr. Richard C. Knight, 112 Water Street, Boston 9, Massachusetts. Parents may write directly to Mr. Knight for information and contract. The Dean of Admissions will mail a brochure of information to all new students on or before June 1 of each year.

The Tuition Plan, Incorporated

Gettysburg College makes available to parents who find it necessary or more convenient to pay in monthly installments, a source of credit, The Tuition Plan, Inc., of One Park Avenue, New York 16, New York. This plan is a lending agency and should not be confused with the Insured Tuition Plan.

Through The Tuition Plan, Inc., contracts may be negotiated covering one, two, three or four years' College expenses with payments spread over 8, 20, 30 or 40 months respectively, with the multiple year plan including the benefits of Parent Life Insurance. Information describing this plan will be mailed to all students during the summer months.

Board

All women students, except those living at home, are required to take their meals in the College Dining Hall.

All entering Freshman men are required to take their meals in the College Dining Hall.

Refunds

No refunds of the comprehensive fee will be made after the first week of any semester except where a student has had to withdraw because of serious illness or call by Selective Service, in which case the fee will be refunded on a proportionate basis.

No refund of the board fee may be made unless authorized by the Business Manager.

Rooms charges are refundable only if a student leaves College because of serious illness, or call by Selective Service, or finds a replacement who is willing to assume the remaining charge.

Veteran credits will be made in accordance with existing Veterans Administration regulations.

Transcripts

Each student is permitted one free transcript of his full record upon graduation or withdrawal from College. Anyone desiring more than one must send his request to the Registrar and enclose payment of \$1.00 for each additional transcript requested.

College Book Store

The Book Store is operated by the College for the convenience of the students. Since it is operated on a cash basis, all students should be provided with \$50 to \$75 in cash each semester to purchase necessary books and supplies.

Admission of Students

Although Gettysburg College has expanded its facilities to provide a liberal education for an increased number of students, it believes that its purposes can best be achieved if it maintains its character as a small church-related school. The stated requirements for admission are designed to enable the College to select students who will contribute to and benefit from such a College community.

Requirements for Admission

The *Committee on Admissions* considers each applicant individually, using as its principles of selection the following:

1. Evidence of good character and acceptable social habits.
2. Evidence of academic attainment and ability, especially facility in the use of the English language and the understanding of fundamental mathematical processes.
3. Acceptable scores on the tests of the College Entrance Examination Board.

The Committee relies upon the secondary school record, examination results, personal interviews, and recommendations from the school, alumni, and friends of the College for its basic information. While the College places greater emphasis upon the quality of the student's work in secondary schools than upon the exact distribution of the subjects taken, it makes the following general recommendations for the guidance of students looking toward college admission:

Graduation from and recommendation by an approved secondary school with completion of 16 Standard High School Units as follows:

<i>Required:</i>	YEARS
English	4
Elementary Algebra	1
Plane Geometry or Intermediate Algebra	1

<i>Recommended:</i> *	YEARS
Natural Science	2
History	2
Foreign Language	2

Optional:

Additional electives to fill the graduation requirement from Mathematics, Natural Science, History, Social Studies, and Foreign Language. Not more than three units in vocational or commercial subjects are acceptable.

Veterans who were not graduated from secondary school before entering the Armed Services may, in certain circumstances, qualify for admission through an educational training program in service, through United States Armed Forces Institute Courses, or on the basis of the General Educational Development Tests.

Entrance Examinations

Gettysburg College requires that all candidates for admission take the Scholastic Aptitude Tests (the Morning Program) of the College Entrance Examination Board.

High School principals and guidance counselors usually have complete information and application blanks for the tests of the College Entrance Examination Board. However, any student may receive direct information, application forms, and sample tests by writing to the College Entrance Examination Board, Post Office Box 592, Princeton, New Jersey, or Post Office Box 9896, Los Feliz Station, Los Angeles 27, California. These tests are available at widely distributed centers throughout the United States on the following dates: March 15, 1958; May 17, 1958; August 13, 1958; December 6, 1958; January 10, 1959; February 14, 1959; March 14, 1959; May 16, 1959; August 12, 1959; and December 5, 1959.

*In addition to the general recommendations for all prospective students, the following special ones should be noted:

Students who plan to major in either physics or chemistry should, if possible, take the optional courses in mathematics and natural science.

Students who plan to major in a foreign language should have at least two years of preparation in each of two foreign languages.

Application for Admission

A student desiring to enter Gettysburg College from high school or preparatory school should secure an "Application for Admission" form from the Office of the Dean of Admissions. After the student has supplied the information called for on pages three and four of that form, he should ask the proper authorities of his school to complete pages one and two and forward it to the Admissions Office. Regulations governing admission of applicants who have attended another college are stated in the section "Admission with Advanced Standing."

A fee of \$5.00 must accompany the "Application for Admission." This fee is non-refundable and is used to defray, in part, the costs of processing the application. A student may present an "Application for Admission" at any time after the completion of the Junior year in high school.

Offers of Acceptance

The Dean of Admissions may at any time make tentative reservations for men with exceptional qualifications. However, the *Committee on Admissions* selects the larger part of the men's quota after the Senior mid-year grades and the reports of the tests of the College Entrance Examination Board are presented. Most of the women's quota are selected about March 1 of each year following the reports of senior mid-year grades and of the College Boards. It is the responsibility of the applicant to furnish an official record of all work completed after the "Application for Admission" has been presented.

Advance Payments

In order to validate their statement of acceptance, successful applicants for the September term must send to the Dean of Admissions, Gettysburg College, an advance payment of \$50.00 on or before May 20. Those receiving notification of acceptance after May 5 must send the \$50.00 advance payment within 15 days of the date of notification. Twenty-five dollars of this amount is credited to the first semester's bill, and \$25.00 is held as a deposit against minor charges such as laboratory breakage and other items too small for individual billing. Upon graduation, the student will receive the unused portion of this deposit. If a successful applicant withdraws before July 1, the advance payment will be returned. No refunds will be made after July 1.

Successful applicants for the February or June terms may be refunded the \$50.00 advance fee, if they withdraw sixty or more days before the beginning of the term for which they are accepted.

Dormitory Room Reservation

Dormitory room preference is given to students in the order of the receipt of the advance fee of \$50.00. Since there is some difference in the desirability of dormitory rooms, it is to the student's advantage to make the advance payment before the May 20 deadline. No room reservation can be made until the advance payment has been made.

Admission with Advanced Standing

A student is eligible to transfer to Gettysburg College only if he is entitled to an honorable dismissal without social or academic probation from another college. A transfer student must present an official transcript from any or all colleges or universities attended, as well as the official "Application for Admission" form showing his high school record.

Transfer credits are granted for work done with a grade of C or better in approved colleges and universities if the courses taken fit the curriculum to be followed at Gettysburg. The College sometimes accepts for credit college level United States Armed Forces Institute courses validated by examinations and accepts some service school courses approved by *A Guide to the Evaluation of Educational Experiences in the Armed Forces*. All academic credit for courses transferred is granted tentatively until the student has satisfactorily completed one year of work at Gettysburg College. All transfer students must meet the course requirements demanded of all members of the class into which they transfer.

A student admitted as a Sophomore after one year of residence at another college must complete at least *ninety* academic hours to meet the requirements for graduation. In addition, he must meet the Sophomore requirement in physical education or military science and all general requirements imposed upon other members of the Sophomore class. A student admitted as a Junior after two years of residence at another college must complete at least *sixty* academic hours at Gettysburg College to meet the requirements for graduation and meet all general requirements imposed upon other members of the Junior class.

A student, regardless of credit grants or years of residence at another college, must complete at least *thirty* semester hours at Gettysburg and one full year of attendance in order to receive a degree from Gettysburg College.

All transfer students entering as Freshmen or first semester Sophomores are required to take General Education 1 and 2. All transfer students entering as second semester Sophomores or first semester Juniors are required to take General Education 2.

No credit is granted for extension courses, correspondence courses, or courses in non-accredited institutions.

Admission at the Beginning of the Second Semester

Freshman and transfer students may be admitted at the beginning of the second semester. Methods and requirements for admittance are the same as for those students entering at the beginning of the regular school year in September.

Admission to the Summer Session

Students who are candidates for degrees at Gettysburg College are admitted to the Summer Session under the same methods and requirements as those which apply to students entering in September.

Students who are candidates for degrees from other colleges may enter the Summer Session upon the certification of the Deans of those institutions that the applicants are *bona fide* students in the institutions and that the courses taken at Gettysburg College will be transferred if they are passed with certifying grades.

Others applying for admission to the Summer Session *only* may be accepted upon presentation of official evidence of preparation to meet the regular admissions requirements. A special admissions form is available from the Admissions Office.

Registration

The Registration System

Since there are few fixed curricula at Gettysburg College, most students work out with their advisers the curricula best suited to their individual needs. Course selections are limited by the general requirements for graduation and by the requirements of each department. The registration system seeks to coordinate advisement with the formal course registration.

Spring Registration

Preliminary registration of old students for the following academic year and final registration of those who will attend the summer session are held before the end of the second term. Detailed registration plans are announced in the campus newspaper, the *Gettysburgian*.

Summer Session Registration

Old students register for the Summer Session at the time of the Spring Registration.

New students register the first day of the session at the time and place designated in the Summer Session *Bulletin*.

Pre-Registration of New Students

Freshmen entering in September make out a tentative schedule of courses through individual conference or through correspondence with the Dean of Admissions during the month of August. The office then prepares the official forms and schedules, which are turned over to the students' advisers for further study.

For new students entering with advance standing, the Dean of Admissions prepares evaluations of transfer credits and statements of remaining requirements for graduation. One copy goes to the student and another to the adviser.

September Registration

New students meet with their advisers during Orientation Week before registration. Any change in pre-registration schedule may be discussed with their adviser.

Upperclassmen will complete their final registration at a specified time during Orientation Week. The Dean of Students announces the schedule of registration in a letter to each student.

February Registration

Students registered in September make a supplementary registration in February before beginning second semester classes.

New students entering in February make out schedules and register on the announced registration date.

Registration Rules

1. Every student in college is required to pay a fee of \$50.00 at Spring Registration. This amount to be deducted from the student's first semester college bill. No refunds will be made after July 1. This will go into effect beginning with Spring Registration, 1959.
2. Each student must register officially at the specified time and place for all the courses he expects to enter. Late registration is penalized by a fine of \$5.00 unless excused by the *Scholastic Standing Committee*.
3. No student may receive credit for a course unless he is properly registered for that course.
4. A student who fails to complete a course for which he has registered and from which he has not officially withdrawn automatically receives an F on his permanent record.
5. A change of registration fee is charged for each change in course made at the request of the student after the regular registration dates as specified in the catalog or by special bulletin.
6. A student who receives an F in the first semester of a year's course may not continue that course during the second semester without the consent of the department concerned.
7. The College reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

Curriculum

Gettysburg College believes that all students should have a broad liberal education. To attain that end the College requires certain specific courses in the Freshman and Sophomore years and makes a general requirement for distribution and concentration of subject matter to be completed before graduation. See pages 47-48.

Because of this dominantly liberal purpose, most students earn the degree of Bachelor of Arts, regardless of their field of major or specialized study. Majors in Music Education and some majors in Health and Physical Education qualify for the degree of Bachelor of Science. See pages 50-51.

Each department has worked out suggested curricula to assist students in selecting courses to meet certain objectives. Beyond the above-mentioned requirements and suggestions, each individual has complete freedom to select those courses which he feels will give him the best possible education.

Advisers

When a student registers as a Freshman, he is assigned to a Faculty Adviser with whom he should consult regarding all academic matters and from whom each semester he must secure approval of his study list. Before the spring registration in his Freshman year, he is expected to choose his major field of study. The head of the department in his major subject will then become his adviser, and throughout the remainder of his college course the student will consult with him and secure his approval of his study list.

If, at the time of the spring registration, a student has not yet chosen his major field of study, or has not attained a scholastic average that would justify his acceptance as a major in the department of his choice, he may select as his temporary adviser, the head of the department in which he would like to major. If his work in the department later improves, he may then be accepted as a major.

All students who intend to do graduate work should communicate this fact as early as possible to the heads of the departments in which they are majoring in order that they may be sure of meeting all the requirements for graduate study.

Courses and Credits

The amount of credit given for each course is specified in terms of *semester hours*. A *semester hour* of college work consists of one hour a week of lectures or classwork, or two or three hours of laboratory work (or laboratory work combined with classwork) a week for one semester. The normal assumption is that the student will do at least two hours of study in preparation for each hour of classwork.

No credit for one semester of a year's course may be granted except by written departmental approval which is to be filed with the office of the Registrar.

Schedule Limitations

The usual schedule is 15 or 16 semester hours, in addition to basic ROTC or Physical Education. With the permission of his faculty adviser a student, during his Freshman or Sophomore years, may carry 12 to 16 semester hours, in addition to basic ROTC or Physical Education. During his Junior or Senior year he may carry, with the permission of his department adviser, from 12 to 18 semester hours. Semester schedules of more than 18 hours will be permitted only with the special approval of the Dean.

Requirements for the Degree of Bachelor of Arts

The degree of Bachelor of Arts may be conferred upon the student who completes 128 semester hours of work.

Additional hours may be required for individual students according to rules established by the Faculty. In addition to the hours required, students must earn at least as many quality points* as there are hours required for their graduation. No student may be graduated with a quality-point average of less than 1.00 in his major subject.

A student registered at Gettysburg College will not obtain credit for courses taken in other colleges during the summer unless such courses have first been approved by the head of the department concerned.

All candidates for the degree of Bachelor of Arts must complete courses necessary to meet the distribution and concentration requirements listed below. All candidates for the bachelor's degree must also pass a comprehensive examination in their major field of study. See page 48. Beyond the distribution and concentration requirements, each

*See "Grading System," page 58.

student has complete freedom to select those courses which he feels will give him the best possible education. Detailed Freshman and Sophomore programs listed on page 49 show how the distribution requirements are normally met during the first two years.

Distribution Requirements for All Students

<i>Subjects</i>	<i>Semester Hours</i>
English A	6
Bible 1	6
General Education 1	6
General Education 2	6
Military Science or Air Science or Physical Education— 2 semester hours per semester for two years	8
Foreign Language 6 semester hours above the "A" course in one, or if the student enters without the equivalent of the "A" course, then 12 semester hours	6-12
Philosophy, Pol. Sci. and Econ., History, Psychology, So- ciology 6 semester hours in one	6
Literature* 6 semester hours in one	6
Science: Biology, Chemistry, Physics 1 full year course in one	8
Second science or mathematics or a second language above the "A" course 1 full year course in one; if the student elects a second language without the equivalent of the "A" course, then 12 semester hours	6-12
Appreciation courses† in two departments	4
Senior Comprehensive Examination	---
Average total for distribution	68-80

*Refer to the introductions of respective departments under "Courses of Instruction" for the listing of literature courses.

†These four hours may be selected in two different departments from Fine Arts 1, 2, 3, 4, 7 and Music 1, 2, 3.

Concentration Requirements for All Students

24 semester hours above "A" courses in a major.

12 semester hours above "A" courses in a minor.*

As early as possible each student should select his major subject. In addition, he should select with the approval of his major adviser a minor subject in an area related to his major field of study.

With the permission of the major adviser, a second major or minor may be selected no later than the beginning of the Senior year, the approval of the head of the second department having been received. A second major may be entered on College records if all requirements of both departments, including comprehensive examination requirements, are met.

Comprehensive Examinations

Every candidate for the bachelor's degree is required to pass a comprehensive examination in his major field of study.

This comprehensive examination is intended to test the depth of the student's knowledge of the subject matter in his major field; to determine his abilities to assimilate, to analyze, and to apply the leading ideas developed in this subject; and to serve as a challenge, throughout his college course, to integrate the entire work of his chosen field of study. The comprehensive examinations are graded "passed," "passed with honors," or "passed with highest honors," and these grades are placed on the student's permanent record.

The comprehensive examinations consist of two three-hour written examinations plus either a third three-hour written examination or an oral examination, as determined by the department. The examinations are scheduled as follows:

1. For February graduates, during the first week following the Christmas vacation.
2. For June and August graduates, during the first week of May.

The exact dates of examination are published in the Calendar of this catalog.

*This is interpreted to mean two full year courses or the equivalent if the minor is in a laboratory science. Courses in the department of Education and the department of Fine Arts may be counted for a minor but are not accepted for a major.

Requirements for Teacher Certification

In addition to qualification for the degree of Bachelor of Arts, the student may qualify for certification to teach in secondary schools by completing nine semester hours of academic work beyond the minimum requirements for the degree of Bachelor of Arts, and by earning at least nine additional quality points. Normally, students in good standing can include these hours in their regular four-year schedule. For certification requirements in Health and Physical Education and in Music Education see pages 50-51.

Requirements for Military Commission

A student who has successfully completed the advanced courses in Air Science or Military Science may qualify for a reserve commission in the Air Force or the Army in the rank of Second Lieutenant. For a detailed description of opportunities and requirements for commissions, see page 145.

Required Freshman Program

<i>Subjects</i>	<i>Semester Hours</i>
General Education 1	6
English A	6
Bible 1	6
Language*	6
Mathematics, or Economics 1 and 2, or a Science, or a second language, or Psychology 1, or Music 7	6- 8
Military Science or Air Science or Physical Education	4
Total	34-36

Required Sophomore Program

<i>Subjects</i>	<i>Semester Hours</i>
General Education 2	6
Military Science or Air Science or Physical Education	4
At least two courses selected from the following: Language Mathematics, Science, or second Language	12-16

*Science and mathematics majors may postpone language to take both a science and mathematics.

Two electives with at least one from the following: History, Philosophy, Political Science, Psychology, Sociology	12
Total	34-38

Education courses for those who plan to teach should be included in electives.

The Sophomore course in the student's major must be included in the required subjects or in the electives.

Junior and Senior Program

All required courses listed in the Freshman and Sophomore programs which have not been completed by the end of the Sophomore year must be included in the Junior program. It is recommended, in the interest of a well-balanced education, that the Junior program contain at least two courses each semester outside the group in which the student's major falls, and that the Senior program contain at least one course each semester outside the group in which the student's major falls.

Transfer students accepted as upperclassmen are subject to the same requirements as are all other students. When similar courses accepted as transfer credit can be used as substitutes for the required courses, the Dean of Admissions will notify both the students and their advisers of the official advance credit evaluation.

Transfer students accepted as first-semester Sophomores are required to take General Education courses 1 and 2. Second-semester Sophomores and first-semester Juniors are required to take General Education course 2.

Requirements for the Degree of Bachelor of Science in Health and Physical Education

For those who wish to meet all the requirements of teacher certification in Health and Physical Education, the following curriculum leading to the degree of Bachelor of Science in Health and Physical Education is available. Students completing this curriculum may be certified to teach both Health and Physical Education, and General Science.

Freshman Year	Hrs.	Sophomore Year	Hrs.
Bible 1a, b	6	Psychology I	3
English A	6	Health and Physical Education 2, 5, 6, 10, 11, 18	16
Health and Physical Education I	4	Military Science or Air Science 2	4
Military Science or Air Science 1	4	Education 1 and 2	6
Biology I	8	Electives	5
General Education 1 or 2	6		
Total	34	Total	34
Junior Year	Hrs.	Senior Year	Hrs.
Physics 1	8	Health and Physical Education 4, 12, 13, 17, 19, 21, 22	18
History 6	6	Military Science or Air Science 4	6
Education 6	3	Education 5, 10, 11	12
Military Science or Air Science 3	6		
Health and Physical Education 3, 14	10		
Total	33	Total	36

All students in this curriculum must complete 137 hours to meet graduation requirements. Those students who do not take ROTC are strongly advised to complete the Health and Physical Education Curriculum leading to the degree of Bachelor of Arts.

The Senior Comprehensive Examinations are required.

Requirements for the Degree of Bachelor of Science in Music Education

The following curriculum is offered as a guide to those who wish to meet the requirements necessary to teach or supervise music in the elementary or secondary schools. Upon completion of this course of study a student will be granted a Bachelor of Science degree in Music Education. He will also be qualified to receive a Pennsylvania Provisional College Certificate to be issued by the State Department of Public Instruction.

Freshman Year	Hrs.	Sophomore Year	Hrs.
Bible 1a, b	6	Speech	4
English A	6	Literary Foundations	6
Biology 11 or 12	4	Education 1	3
Physics (Acoustics)	3	Physical Education (Eurythmics)	1
Physical Education	3	Psychology	3
Music 10	4	Music 7	6
Instrumental Class	2	Music 11	2
Music Appreciation	2	Instrumental Class	2
Applied Music	4	Music 14	4
		Applied Music	3
Total	34	Total	34

Junior Year	Hrs.	Senior Year	Hrs.
History 6 _____	6	Education 10 _____	3
Education 5 _____	3	Sociology or Philosophy _____	3
Music 8 _____	6	Music 13 _____	2
Music 6 _____	6	Music 16 _____	2
Music 18 _____	3	Music 20 _____	2
Music 19 _____	2	Student Teaching _____	12
Instrumental Class _____	2	Applied Music _____	4
Applied Music _____	4	Elective _____	4
Total _____	32	Total _____	32

Cooperative Forestry Program

Gettysburg College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned the Bachelor of Arts degree from Gettysburg College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student who elects to pursue this curriculum spends the first three years in attendance at Gettysburg College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendship with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke University offers forestry courses only to senior and graduate students, the student from Gettysburg College will find himself associating with a mature student body. He will be well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Dean of Admissions of Gettysburg College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Gettysburg. No application need be made to the School of Forestry before that time.

There is no fixed major or rigid curriculum requirement for the three

years at Gettysburg. However, the College recommends that students in the Forestry program come under the advisement of the Biology Department and use the following as a guide:

Pre-Forestry Curriculum at Gettysburg College

First Year	Hrs.	Second Year	Hrs.
English A	6	General Education 2	6
General Education 1	6	General Chemistry 1	8
Biology 11	4	Foreign Language 1	6
Biology 12	4	Economics 3	6
Mathematics 1a, 1b or 2	6	Electives	6
Bible 1	6	Physical Education or ROTC	4
Physical Education or ROTC	4		
Total	36	Total	36
Third Year	Hrs.		
Foreign Language 2 or English Literature	6		
General Physics 102	8		
Appreciation Courses	4		
Biology 24	3		
Biology 26 or 27	3		
Electives	12		
Total	36		

The technical curricula at the School of Forestry of Duke University are available in duplicated form from the Dean of Admissions, Gettysburg College, or in printed form from the Dean of the School of Forestry, Duke University, Durham, North Carolina.

Cooperative Engineering Program

The faculties of Gettysburg College and the School of Engineering of The Pennsylvania State University have established jointly an educational program of five years' duration, three in liberal arts at Gettysburg College and two in engineering at The Pennsylvania State University, leading to the award of an appropriate degree from each institution. This cooperative program has been created in an effort to fulfill the following objectives:

1. To provide a student with the advantages of general education in a liberal arts institution as well as technological education in a school of engineering, through five years of study instead of six or more years that might be required if both degrees were obtained separately.

2. To permit a student whose aptitude for engineering may be uncertain, or whose decision between engineering and other disciplines may not yet be made, to study both arts and sciences during the first three years of college, during which time he can better determine whether his major interest and ability lie in the field of engineering.
3. To provide a student with a planned sequence of liberal arts courses which, if completed successfully, will guarantee him acceptance at an engineering school at times when student applications to such schools might exceed their capacity.
4. To permit qualified students to receive both a liberal and a technical education at relatively low cost and thus provide the Commonwealth and the nation with more critically needed trained engineers.

The counseling, admission, and transfer of students in this cooperative program are conducted through the following procedures:

1. A student indicates his desire to follow the 3-2 cooperative program at the time of his admission to Gettysburg College. He is enrolled in the Pre-Engineering curriculum under the supervision of the Physics Department.
2. At the end of the second semester of the third year, a student becomes a candidate for transfer if he has successfully completed all prerequisite courses, has maintained an over-all average of "C," and is recommended for transfer by the faculty of Gettysburg College.
3. A student recommended for transfer is eligible to enter any of the following engineering curricula with junior standing:

Aeronautical Engineering	Electrical Engineering
Civil Engineering	Industrial Engineering
Sanitary Engineering	Mechanical Engineering

This program does not prepare the student for transfer to any other technical curricula at The Pennsylvania State University.

4. The individual courses of study in each curriculum for the work at The Pennsylvania State University can be obtained from the Dean of Admissions at Gettysburg College.

- 5. A student may choose between taking Physical Education or ROTC. However, after having taken one semester of ROTC, he must complete the basic four semester course in ROTC, at either Gettysburg or Pennsylvania State University.
- 6. Detailed information about the requirements for admission and the curriculum of this combined program may be obtained from the office of the Dean of Admissions of Gettysburg College.

**The Three-Year Pre-Engineering Curriculum at
Gettysburg College**

Freshman Year		Hrs.	Sophomore Year		Hrs.
Mathematics 2	-----	6	Mathematics 6	-----	6
English A	-----	6	General Education 2	-----	6
General Education 1	-----	6	Literature	-----	6
Bible 1	-----	6	Physics 102	-----	8
Language 1	-----	6	Psychology 1	-----	3
Physical Education or ROTC	-----	4	History 5	-----	3
Descriptive Geometry	-----	2	Physical Education or ROTC	-----	4
Engineering Drawing	-----	2			
Total		38	Total		36

Junior Year		Hrs.
Mathematics 9A	-----	4
Mathematics 9B	-----	4
Physics 4	-----	6
Physics 13	-----	3
Economics 3	-----	3
Speech 1, 2	-----	4
Chemistry 1	-----	8
ROTC*	-----	6
Total		32-38

Parish Workers Cooperative Plan

Gettysburg College has entered into an arrangement with the Lutheran Deaconess Training School of Ruxton, Maryland, whereby young women planning to enter the full-time service of the church may receive the degree of Bachelor of Arts by attending Gettysburg College three years, then transferring to the Training School for two years of specialized training. It is understood that in order to be graduated, these students must meet all specific course requirements for the degree including the comprehensive examinations in their major

*Elective.

field by the end of the three-year period. The work completed at the Deaconess Training School will be accepted as the equivalent of the final year in college.

Detailed curricula of the last two years may be secured from either of the two Lutheran Motherhouses, *The Baltimore Deaconess Training School*, Boyce Avenue, Ruxton 4, Md., or *The Philadelphia Deaconess Training School*, 801 Merion Sq. Rd., Gladwyne, Pa.

Washington Semester

Gettysburg College is one of a number of accredited institutions participating in a cooperative arrangement with the American University in Washington, D. C., known as the Washington Semester plan. It is a program designed to enable a limited number of superior upperclass students in the field of the social sciences to spend one semester at the national capital for a first-hand study of government in action.

During this period, students are brought into direct contact with source materials not accessible in the ordinary library and have the opportunity to interview members of the House, Senate, Supreme Court, and officers of the executive departments and agencies concerning policies, procedures and problems of government. In addition to regular course sessions, students attend seminars and prepare individual research projects in some major area of interest for which full credit is given toward a degree at their home institution.

The Washington Semester should be taken in either semester of the Junior year or the first semester of the Senior year. To qualify, a student must have completed at least one basic course in Political Science, have an over-all grade average of B or better, and clearly demonstrate ability to work on his or her own initiative. Applicants need not be majors in any specific subject, although the bulk of Washington Semester students are majoring in Political Science, History, Sociology, or Economics. Information concerning further details of the program may be obtained from the Department of Political Science.

Rules and Regulations

Chapel Attendance

Chapel services are held Tuesday through Friday, from 9:50 to 10:15 A.M. Each student is required to attend two services each week. Two unexcused absences are permitted each semester. A student who fails to meet this requirement, in any given semester, will have one extra semester hour added to his requirements for graduation.

Class Attendance

Each student is responsible for regular attendance at all classes. Unnecessary absences are neither authorized nor approved.

Students who are unavoidably absent from class should apply for an excuse promptly. Absences incurred through official trips of recognized College organizations will be excused on certification of the faculty adviser. Absences such as those caused by family emergency or official interviews may be excused by the Dean of Women and Dean of Men. Application for such an excuse should be made prior to the absence whenever possible. When a student is forced to miss class because of illness, he should report at once to the infirmary.

Although no other absences are authorized or excused, in practice a student is allowed without penalty a number of unexcused absences equal to the number of class meetings per week in each course. When the unexcused absences in any course exceed this number, one extra hour will be added to the student's graduation requirement for each such absence. When the number of unexcused absences equals twice the number of class meetings per week, the student is subject to dismissal from the course with a grade of F. In special cases an instructor may recommend to the Dean of Students that a student be placed on "cut probation" and allowed no further unexcused absences in that course.

Any unauthorized absence from class within the twenty-four hours before or after a stated vacation will result in the addition of one semester hour to the student's graduation requirement. The *Committee*

on *Absences* may excuse students who must work during the Pre-Christmas holiday season from the penalty hour under the following conditions:

1. No class absences will be excused. The student must save cuts for this purpose.
2. Students on Scholastic Probation and students with mid-term deficiencies will not be considered except in unusual circumstances.

Grading System

<i>Grade</i>	<i>Quality Points</i>	<i>Percent-ages</i>	<i>Description</i>
A	3	100-90	Excellent.
B	2	89-80	Good.
C	1	79-70	Fair.
D	0	69-60	Poor, but passing.
F	—	59- 0	Failing.
I	—	—	Incomplete for reasons beyond student's control.
W	—	—	Withdrew from course without penalty.
WP	—	—	Withdrew from course with a passing grade.
WF	—	—	Withdrew from course with a failing grade.

Honor System

Gettysburg College operates under an honor system which entails all academic work both in and out of class.

Withdrawal from Courses

Changes in schedule may be made without penalty during the first ten days of each semester. A student who withdraws from a course within the first three weeks of a term will receive a grade of "W."

After the first three weeks a student may drop a course only with the permission of the instructor, the adviser, and the Dean of Students. In such cases the student will receive a grade of "WP" if he was passing the course at the time of withdrawal or a grade of "WF" if he was failing. A student who withdraws from a course

during the last five weeks of a term will receive a failing grade regardless of his standing in the course at that time.

Teachers may modify the various letter grades with plus and minus signs. These signs are placed on the permanent records and reproduced on all transcripts, but are disregarded in all ordinary quality point computations. They are, however, used in all honors computations.

**Quality Point System
Computations**

Quality points are allowed according to grade for each semester hour as follows:

A = 3, B = 2, C = 1, D = 0

When a finer computation is desirable, as in determining honors, the following is official:

A+ = 3 1/3	B+ = 2 1/3	C+ = 1 1/3	D+ = 1/3
A = 3	B = 2	C = 1	D = 0
A- = 2 2/3	B- = 1 2/3	C- = 2/3	

Grades I, W, and F are disregarded in final quality point computations. For all student-body ratings and for all individual averages issued by the Dean's Office, the grades F and WF are counted as -1.

Minimum Requirements

In general, students are considered deficient and are advised to withdraw from the College when they fail to meet the following minimum standards in the achievement of total quality points. In general, they are required to withdraw when they fall one semester behind the minimum standards given below.

At the end of first semester	10
At the end of second semester	26
At the end of third semester	45
At the end of fourth semester	64
At the end of fifth semester	80
At the end of sixth semester	96
At the end of seventh semester	112
At the end of eighth semester	128 or a total equal to the number of hours required for graduation.

Conditions and Deficiencies

No credit is given for a subject reported as F or I. An I not removed within the first six weeks after the semester in which the deficiency was incurred, becomes an F, unless the *Scholastic Standing Committee*, because of the student's sickness or for an equally good reason, extends the time for removing the I. An F in a course for the first semester debars a student from the course during the second semester unless the department in which the F is incurred consents to the student's continuance. An F remains on the student's permanent record card and is reproduced on all official transcripts. No student may repeat an elective course which he has failed without the consent of the department concerned.

Probation

Limited Probation

If, in the judgment of a teacher, a student is endangering his scholastic standing in any course, the instructor may request the Dean of Students to place the student on limited probation in the course for a period of two weeks. At the end of this period the teacher will ask the Dean of Students:

1. that the probation be continued,
2. that the probation be removed, or
3. that the student be dropped from the course with a grade of F.

At the discretion of the teacher the limited probation may be removed before the end of the two-week period.

General Probation

A student is placed on general probation when he fails to meet all three of the following requirements:

1. passing at least 12 semester hours of work in addition to basic Military Science or Physical Education.
2. meeting the minimum requirements of the Quality Point system.
3. showing reasonable progress toward graduation.

When a student is placed on general probation,

1. he is ineligible to represent the College in intercollegiate activities. He may not participate in any other activities entailing absence from classes, and no student on probation is permitted to operate or have a car on the campus.
2. a warning note is sent to the parent or guardian, and notice is given to the student, the directors of College organizations, and the Faculty.

General probation is effective the Monday following reports from instructors indicating that the student is failing to meet the requirements.

General probation cannot be removed before the expiration of one week.

Special Probation

When in the opinion of the *Scholastic Standing Committee* a student's scholastic record is endangered, the *Committee* may place him on special probation, giving him until the end of the semester to improve his record or withdraw from College.

Enforced Withdrawal

Gettysburg College expects all students to accept the responsibilities of mature men and women at all times and to consider carefully the influence of their conduct upon other members of the College family and the community. The College reserves the right of dismissal for conduct unbecoming to a student of Gettysburg College.

Reinstatement

A student dismissed from the College for *any cause* may not be reinstated except by petition to the Faculty. Such petitions will be considered on their own merits, but *in no case* will a student be readmitted during the semester immediately following the one in which the penalty was incurred. A student dismissed for misdemeanor loses all credit for work done during the semester. A student who has been reinstated and fails in scholarship a second time will be required to withdraw from the College permanently. Any reinstated student will be on general probation for one year.

General Rules

Automobiles

All students who desire to drive automobiles to, from, or on the Gettysburg College campus are required to register them with the office of the Dean of Men. Limited parking space makes it necessary to regulate driving and parking automobiles on the campus. A detailed statement of the regulations will be issued from the office of the Dean of Men at the time of registration. Neither Freshmen nor Sophomores are permitted to have cars.

Dormitories

Dormitory room assignments are made through the offices of the Dean of Men and Dean of Women. Room assignments may not be changed without permission.

Student Marriages

Any student under twenty-one who plans to marry must, at least two weeks before the marriage, satisfy the Dean of Students that the parents or guardians of both parties have consented to the marriage. Students violating this rule will be subject to dismissal.

Alcoholic Beverages

Possession or use of alcoholic beverages on College property, in dormitories, fraternity houses, or at College functions is prohibited.

College Life

Living Facilities

Dormitory Accommodations. All new students, except those living at home, are required to live in one of the College dormitories. New students must fill out a room application form under the conditions explained in the section "Admission of Students."

Old students make room application to the Dean of Women or the Dean of Men. All women except those living at home are required to room in College dormitories. All men except commuters are required to live in College dormitories or fraternity houses unless space is not available.

Dormitory Furnishings. The College provides a single bed, a mattress, a dresser, a study desk, and a chair for each student. Pillows, linens, blankets, study lamps, draperies, and other accessories must be furnished by the student. A reputable laundry provides linen rental and service. Pictures and other decorations may be suspended only by approved plastic hooks.

Dining Facilities. The College maintains a dining hall at which all women students except those living at home are required to take their meals. All Freshman male students are required to eat in the College dining hall. Fraternity pledges are permitted to eat the evening meal and the noon meal on Sunday in their respective fraternity house.

Counseling

Orientation Program. During the first week of the fall term new students participate in a special program designed to help them become adjusted in their new environment. Provided for the students under this program are personal conferences with advisers and counselors, lectures and discussions pertaining to college life, achievement and placement tests, and trips to nearby points of interest. The test results are explained and discussed with the student by his faculty

adviser during the early weeks of school. The tests provide the College with valuable information concerning the aptitudes, interests, and educational background of each new student and assist the College in its efforts to provide an education suited to his needs.

Freshman Advisers. As he enters school each Freshman is assigned to a faculty member who serves as his adviser for the year. Working under the Dean of Students and Director of Guidance, these advisers meet frequently with their advisees, aiding them in solving their problems of adjustment and scholarship and assisting them in determining their major fields of study.

At the end of the Freshman year, students elect major fields and select their Sophomore courses with the assistance of the head of the department in which they intend to major.

Student Counseling Service. Under the direction of the Dean of Students, assisted by the Director of Guidance, the Chaplain, the Dean of Men, the Dean of Women, the College Physician, the Psychological Counselor, and the Clinical Consultant, a free guidance and counseling service is available to assist students with educational, vocational, social, and personal problems. They may seek it voluntarily or may be referred to it by advisers or other faculty members. Any student in question about which staff member to see will usually be referred to the proper person by the Dean of Students.

The Dormitory System. Under the guidance of carefully selected and well-trained Student Counselors, the students solve their own dormitory problems. The arrangement is in no sense a system of restraints, but is designed to give training in the principles of co-operative living.

Developmental Reading. Since a student's success in college depends largely upon his ability to comprehend written materials, a non-credit course designed to enable the student to increase his reading efficiency is offered to all students each semester, without additional tuition charges.

Lectures and Concerts

The College annually secures widely known scholars, travelers, and outstanding figures in public life to speak on topics of interest to the

students and to the community, and, in cooperation with the community, presents artists and artist groups to give concerts to the College community. Student admission to these lectures and concerts is free.

The 1957-58 series includes the following: Organ Recital, Giuseppe Moschetti; Concert, Yi-Kwei Sze, Chinese born bass-baritone; Concert, Vera Franceschi, pianist; Christmas Concert, the Gettysburg College Choir; Lecture, William Shirer, News Analyst, "The World Today"; Lecturers Religious Emphasis Week, Dr. Preston Roberts, University of Chicago and Dr. Arnold Flaten, St. Olaf College; Concert, Cincinnati Symphony; Lecture, Dr. George Reynolds, "The Cosmic Rays"; Spring Concert, the Gettysburg College Choir. In addition, many other lecturers and films are presented by honorary and departmental organizations.

Bell Lectureship. A fund of \$2,100 from the estate of the late Rev. Peter G. Bell, ex-'60, was given to the College for the establishment of a Lectureship on the Claims of the Gospel Ministry on College Men. The main object of this foundation is "to keep before the students of the College the demand for men of the Christian ministry and the conditions of the age qualifying that demand."

Stuckenberg Lectureship. Mrs. Mary G. Stuckenberg gave a fund of \$1,000 for the establishment of a Lectureship in Sociology in honor of her late husband, J. H. W. Stuckenberg, D.D., LL.D., by the terms of which the College sponsors annually a lecture by a specialist on some phase of Sociology from the standpoint of Christian Ethics.

Music

The Gettysburg College Choir is an organization of approximately sixty young men and women. Auditions are held at the beginning of each school year. Applicants are chosen on the basis of voice quality, trueness of ear, musical feeling, and general musical intelligence. The Choir appears at special services held in the Chapel, gives periodic concerts on the campus, and makes an extended tour through the surrounding states in the spring of each year.

The Chapel Choir participates in the daily Chapel exercise and also appears in concert during the festival seasons of the year.

The Band performs as a marching unit at football games both on campus and away, at parades, community affairs, and various school functions. Following football season the band performs as a concert organization giving concerts both on and off campus. Students may participate in either or both groups.

The Orchestra performs in recital and in concert and participates in many school functions.

A Faculty director is provided for each of the musical organizations. He is assisted by a staff of student officers.

Dramatics

The Owl and Nightingale Club aims not only to bring out the latent dramatic talent of the students in acting, scene painting, and play writing but also to provide the College and the community with good entertainment. As the dramatic workshop of the College, it produces from four to six representative plays a year. Active membership in the club is gained by performances in a certain number of plays, by staff work, or by both.

In addition, occasional short plays provide students of the Dramatic Arts classes opportunities in direction and production. All scenery is constructed by the students under Faculty supervision.

Religious Life

One of the major objectives of Gettysburg College is to create an environment where a student may grow spiritually. As a church-related school, it strives to develop a Christian way of life among the students and faculty. Some of the channels through which students may express their faith are:

Church Services. Gettysburg College believes that regular church attendance is an essential part of the life of any student, especially when the student is away from the incentives and restraints of the home. Gettysburg College strongly emphasizes the importance of attending church services each Sunday. The churches of Gettysburg are eager to welcome the students of the College to their services and also sponsor special Sunday School classes for their student members.

Chapel Services. Services are held in Christ Chapel, Tuesday through Friday from 9:50 to 10:15 A.M., under the direction of the

Chaplain. Tuesday, Wednesday, and Thursday are worship services; Friday is convocation. A Chapel Choir under the direction of the College organist assists in the worship service.

Student Christian Association. The Student Christian Association is a fellowship of students and teachers dedicated to the development of Christian values. This organization, founded in 1867, functions today through a wide variety of projects including weekly Association meetings, daily devotions, forums, lectures, discussion and study groups, publications, social service activities and conferences, most of them held in Weidensall Hall. The SCA welcomes into its membership all students regardless of denominational affiliation. Its administration is vested in a Cabinet under the advisement of the College Chaplain and three Faculty advisers. The SCA is the only group permitted to hold regular religious meetings on the campus.

Vespers. Sunday evenings, under the Chaplain's direction, vesper service is held at 7:30. Student groups take charge of many of the programs, planning and selecting music and speakers.

Christ Chapel is also open every evening (except Saturday) from 10:00 to 10:30. During this half-hour, a student organist plays softly, but there is no planned service—just quiet meditation and prayer.

Chaplain. The College chaplain is available at all times for personal counseling at his office in the SCA building.

Religious Emphasis Week

Each year near the beginning of the second semester a period of three days is set aside during which time a number of outstanding Christian leaders are brought to the campus to give lectures and conduct discussions on some thought-provoking religious theme. This program is known as "Religious Emphasis Week." The College considers this one of the high points of the school year—vitally important to the spiritual strengthening of every Faculty and student member of the College.

Publications

The Alumni Bulletin, a quarterly published by the Alumni Office, keeps alumni informed on current College events and purposes.

The Gettysburg College Bulletin, Catalog Issue is published in March of each year.

The Gettysburg College Summer Session Catalog is published in March of each year.

The Gettysburgian, the campus newspaper, edited by a staff of students, is published weekly during the college year and prints chiefly College and alumni news and opinions.

The G-Book, a handbook issued to incoming students at the opening of each college year, provides valuable information and suggestions concerning college life and institutions. It is sponsored by the SCA.

Look at Gettysburg, an admissions booklet, published every February furnishes information and illustrations for new students, Guidance Directors, Principals and parents.

The Mercury, a literary magazine edited and published by students of the College under the supervision of the English department, seeks to encourage creative writing by the students.

The Spectrum, the student yearbook, contains pictorial representations of the College with its various organizations, activities, and surroundings, and information about students.

The Woman's League Bulletin, published in December of each year, is a summary of the work of the League for that year.

The purpose of all the publications is to improve communication between the College and its graduates, students, former students, and friends.

Radio Workshop

A student radio station, WWGC, has its studio on the third floor of Breidenbaugh Science Hall and broadcasts a variety of programs on a regular schedule during the college year.

The Student Chest

A system known as the Student Chest coordinates the finances of student organizations. Under the direction of the *Student Chest Com-*

mittee, the fund is distributed to the various student organizations. The fee for this fund is included in the comprehensive fee, thus requests and earnings for money by separate student groups are eliminated.

The Student Senate

The Student Senate, with a membership of about twenty-four, consists of two members of the Faculty who serve as advisers and one student representative from each of the living groups on the campus.

The basic functions of the Senate are to represent the student body in the formulation of school policies and to promote cooperation among the Administration, Faculty, and Students.

Besides fostering this policy, the Senate assumes responsibility for the Men's Tribunal, conducts class elections, nominates candidates for the Zimmerman prize, and considers problems of the student body as a whole.

Women's Student Council

Composed of representation from each class and one representative for each residence hall. The Council concerns itself with all matters affecting women's dormitory rules and residences.

The Inter-Fraternity Council

The Inter-Fraternity Council, composed of representatives from each of the fraternities on the campus, maintains decorum among the community, the College, and the fraternities. This group sponsors the inter-fraternity dances, establishes rules for rushing, and promotes harmonious relations among the fraternities.

The Pan-Hellenic Council

The Pan-Hellenic Council is composed of a Senior and a Junior member from each of the five national sororities represented on the campus. Each sorority has also an alumna delegate. The five major offices are held in rotation by the Senior representatives of the five national sororities. The Council functions as a governing body in all issues involving sororities and inter-sorority relations and fosters harmony between sorority and independent women.

Phi Beta Kappa

The Gettysburg chapter of Phi Beta Kappa was organized on January 11, 1923. A maximum of ten per cent of the Senior class may be elected to this honor society each year. Candidates for membership must be candidates for the Bachelor of Arts degree, must show promise of both intellectual and moral leadership and must possess a broad general culture as well as a distinguished academic record.

Fraternities, Sororities, and Societies

Social Fraternities and Sororities

College fraternities and sororities are dedicated to the high ideals of friendship and service. Through their activities in behalf of the individual, the group, the College, and the community, they play a vital role in campus life.

At Gettysburg there is mutual cooperation among the College, the fraternities, the sororities, and the student body. The College realizes that these societies, functioning properly, aid it in achieving its objectives.

On the campus at Gettysburg are thirteen national fraternities and five national sororities.

Alpha Chi Rho	Phi Kappa Psi
Alpha Tau Omega	Sigma Nu
Alpha Xi Delta	Phi Mu
Chi Omega	Phi Sigma Kappa
Delta Gamma	Sigma Alpha Epsilon
Kappa Delta Rho	Sigma Chi
Lambda Chi Alpha	Sigma Kappa
Phi Delta Theta	Tau Kappa Epsilon
Phi Gamma Delta	Theta Chi

National Honorary and Professional Fraternities and Fraternity Societies

Alpha Kappa Alpha: a society for students of Philosophy.

Beta Beta Beta: a society for students of Biology.

Delta Phi Alpha: a German language society.

Eta Sigma Phi: an undergraduate fraternity for students of the Classics.

Kappa Delta Epsilon: a professional Education sorority.

Kappa Phi Kappa: a professional undergraduate Education fraternity.
Pershing Rifles: a military society for students in the Basic Course of Army ROTC.

Phi Alpha Theta: a fraternity for majors in History.

Phi Sigma Iota: a society for students of the Romance Languages.

Pi Delta Epsilon: a journalistic society.

Pi Lambda Sigma: a fraternity for majors in Political Science and Economics.

Psi Chi: a society for students of Psychology.

Scabbard and Blade: a military society for students in the Advanced Course of Army ROTC.

Sigma Pi Sigma: a society for students of distinction in Physics.

Tau Kappa Alpha: a society for students excelling in forensics.

Local Honorary and Professional Clubs

El Circulo de Español: a club fostering the study of Spanish and Spanish-American culture and encouraging fluency in speaking Spanish.

Gettysburg Honor Society: a society comprised of students excelling in scholarship and extracurricular activities who, in association with the Faculty, are dedicated to the attaining of a superior Gettysburg College.

Le Cercle Français: a club offering an opportunity to acquire fluency in speaking French.

Pre-Ministerial Association: an organization for students preparing for the ministry.

Sceptical Chymists: an organization of students in Chemistry.

Other Organizations

Alpha Phi Omega: a national service fraternity, composed of former Boy Scouts, pledged to develop friendship and to promote service to the College, the community, and the nation.

Booster Club: a club consisting of representatives of various campus groups originated to stimulate College spirit and athletic interest within the student body.

Gavel Club: a club designed to increase the effectiveness of the fraternities through efficient leadership.

Government Club: an organization for those interested in the problems of politics and government, sponsoring Citizenship Clearing House and Intercollegiate Conference on Government activities.

International Club: a club dedicated to the promotion of world peace.

Modern Book Club: a club fostering the study and critical appraisal of contemporary literature.

Outing Club: a club sponsoring those outdoor activities for which the College provides no formal program.

Women's Athletic Association: an organization sponsoring individual, group, intramural, and intercollegiate sports for women students.

Athletics

Intercollegiate Athletics

In order to conduct through a democratic, cooperative, and understanding agency a comprehensive athletic program for the students of Gettysburg College, the Board of Trustees of the College has authorized an advisory committee on athletics to confer at stated times with those responsible for the athletic program.

The College maintains membership in the National Collegiate Athletic Association, the Eastern Collegiate Athletic Conference, and the Middle Atlantic States Collegiate Athletic Conference.

The program of intercollegiate activities for men includes football, lacrosse, basketball, soccer, baseball, tennis, golf, wrestling, track, and swimming.

The program of activities for women includes field hockey and basketball.

All full-time students are admitted without charge to all contests held on the campus.

Intramurals

The intramural program is designed to afford opportunities for all students not on varsity squads to enjoy the benefits of participation in sports. Competitive teams are organized from the fraternities, sororities, and non-fraternity groups.

The Intramural Program for Men is conducted under the supervision of a faculty director, assisted by the Physical Education majors, and an advisory council consisting of one representative from each

participating group. The program of activities includes touch football, volleyball, basketball, tennis, bowling, and softball.

The Intramural Program for Women is conducted by the Director of Women's Physical Education, with the assistance of the Women's Athletic Association, and aims to maintain interest in sports and to promote good sportsmanship. The Women's Athletic Association, organized under an Executive Committee and a sports board comprised of student managers for each sport, includes all women students in its membership.

Competitions are arranged among the sororities and the independent women in field hockey, basketball, volleyball, softball, bowling, tennis, and table tennis.

Student Health Service

In order to be informed adequately of the state of health of each new entrant as soon as he begins his College career, the College requires each applicant for admission to submit to the Dean of Admissions a medical report from his family physician on the official form provided by the College. Each student must present this health form before matriculation.

A student Health Service is maintained for the benefit of all students. An agency of the service is a well-equipped Infirmary, staffed by a Medical Director, Medical Associate, and Registered Nurses. This service entitles each student to the following:

1. Periodic medical examination if recommended on the medical report submitted by the family physician.
2. Consultation and treatment by the College Physician.
3. Most necessary medications.
4. Certain diagnostic procedures, as ordered by the College Physician.
5. Infirmary care for all students. Those taking their meals in Huber Hall do not pay extra for meals while in the Infirmary, but those normally eating elsewhere pay \$2 a day.

The Health Service does not provide for treatment of chronic illnesses, nor optical or dental care. Consultation with an additional physician, operations, and hospitalization are at the student's expense.

Placement Service

Teacher Placement. The College maintains a free Teacher Placement Bureau to assist Seniors and graduates in securing positions and to aid school officials in locating properly qualified teachers.

All communications should be addressed to the Director of the Teacher Placement Bureau.

College Placement. The College operates a general placement service for its students and alumni. The Director of Placement, in cooperation with the Dean, Dean of Students, and Department Heads, arranges for the employment personnel of many business and industrial organizations to meet students for personal interviews looking forward to employment. He maintains a library on career possibilities in business and the professions.

Students who wish aid in securing placement should register with the Director of Guidance and Placement early in their Senior year.

Departmental Placement. The administration and Advisers informally assist students in securing employment or placement in graduate school.

Honors, Prizes, and Scholarships

Senior Honors

The following honors are awarded at the close of each academic year to members of the graduating class under the conditions stated below:

Valedictorian. The highest scholastic average during the last three years, the Senior Comprehensive Examination passed "with highest honors."

Salutatorian. The second highest scholastic average during the last three years, the Senior Comprehensive Examinations passed "with highest honors."

Summa cum laude. Senior Comprehensive Examination passed "with highest honors," four-year quality point average of 2.75 or higher.

Magna cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.50 or higher.

Cum laude. Senior Comprehensive Examination passed "with highest honors" or "with honor," four-year quality point average of 2.30 or higher.

These honors are based on four-year records and are primarily for students with four years of residence at Gettysburg College. However, upon the recommendation of the Registrar, the *Scholastic Standing Committee* may grant *summa cum laude*, *magna cum laude*, or *cum laude* honors to transfer students who have satisfied the conditions of the honor during at least two full years of residence at Gettysburg and who have presented excellent transfer grades.

Departmental Highest Honors. Recommendations by the major department, a quality point average of 2.75 or higher in the major subject during the last three years, presentation of a thesis (or its equivalent) satisfactory to the department, Senior Comprehensive Examinations passed "with highest honors."

Departmental Honors. Recommendation by the major department, a quality point average of 2.50 or higher in the major subject during the last three years, Senior Comprehensive Examinations passed "with highest honors" or "with honor."

A transfer student with at least two full years of residence at Gettysburg is eligible for *Departmental Highest Honors* or *Departmental Honors* on the basis of grades attained at the College if he meets all other conditions.

Other Honors

Class Honors for Freshman, Sophomore, Junior and Senior years. *Highest Class Honors* for the year will be awarded to those students who have maintained the grade of A in all their studies throughout the year. *Class Honors* for the year will be awarded to those who have maintained the grade of A in at least half of the work of the year and do not have a grade below B in any of their studies for the year.

Dean's Scholastic Honor List. Any student who attains a scholastic average of 2.50 in any semester is honored by the Faculty for scholastic excellence.

No veteran will be denied eligibility for honors or prizes because of work completed in United States Armed Service Schools.

Note: Basic courses in the required Physical Education or Reserve Officers' Training Corps are not considered in computations for honors and prizes.

Prizes

The following prizes are offered annually for outstanding scholarship and achievement:

Baum Mathematical Prize: The income from \$500, contributed by Charles Baum, M.D., Ph.D., Class of 1874, of Philadelphia, is given annually to the Sophomore showing the greatest proficiency in Mathematics.

The Charles W. Beachem Athletic Award: The Student Christian Association presents each year an award in the form of a cup, in memory of Charles W. Beachem, a member of the Class of 1925 and first Alumni Secretary of the College. The award, based on Christian character, scholarship, and athletic achievement, is given to a member of the Senior class.

Beta Beta Beta Junior Award: The sum of \$10.00 to the Junior Biology major who is an Active Member of Beta Beta Beta and who has shown outstanding proficiency in the biological sciences during five semesters of college work. The award is based on interest, attitude, character and scholarship.

Beta Beta Beta Provisional Award: The sum of \$10.00 to the Biology major who has become a Provisional Member of Beta Beta Beta during the year in which the award is given. Interest, attitude, character, scholarship, and the arrangement of a display are taken into consideration.

Chi Omega Social Science Award: The sum of \$25 is given by the National, Active, and Alumnae groups to the Junior or Senior girl excelling in Social Sciences. This award is sponsored by the national fraternity and given in every college which has an active Chi Omega chapter.

The Malcolm R. Daugherty Mathematical Award: The income from \$1,000 contributed by the Columbian Cutlery Company of Reading in memory of Malcolm R. Daugherty of the class of 1942 is awarded annually to the Freshman showing proficiency in Mathematics and working to earn a part of college expenses.

Delta Gamma Alumnae Association Award: The sum of \$25 is given to the Junior girl who has made the greatest contribution to the College.

Delta Phi Alpha Prize: A valuable book on German culture is awarded to the outstanding student for the year in the German Department.

Anthony di Palma Yearly Memorial Award: Presented to the Junior having the highest marks in History. Everything else being equal, preference is given to a member of the Sigma Chi Fraternity.

Samuel Garver Greek Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Greek during his Freshman year.

Samuel Garver Latin Prize: The income from a fund of \$500 established by the Rev. Austin S. Garver, A.M., Class of 1869, in memory of his father, Samuel Garver, is annually awarded to the student who has made the greatest progress in Latin during his Freshman year.

Graeff English Prize: This prize was founded by John E. Graeff, Class of 1843. The interest of a fund of \$500 is awarded for the best English essay from a member of the Senior class on an assigned subject.

John Alfred Hamme Award: Established in 1948-49 by John Alfred Hamme, York, Pa., three awards of \$50 each to the three Juniors who have demonstrated in the highest degree the qualities of loyalty, kindness, courtesy, true democracy, and leadership.

Hassler Latin Prize: The income from a fund of \$500, contributed by Charles W. Hassler, is annually awarded to that student of the Junior class who, at the end of the year, is rated as the best Latin student.

Frank H. Kramer Award: Established in 1956 by the Phi Delta Theta Fraternity awards \$25.00 annually to a Senior for excellence in the Department of Education.

Military Memorial Prize: The income from a fund of \$500, contributed by the alumni and friends of Gettysburg College, is divided equally between the Military Science and the Air Science Departments as awards for the students who have attained the highest standing in either the first or second year of the Advanced Course as members of the Reserve Officers' Training Corps.

Franklin Moore Award: This award, the income from an endowment of \$6,500, is given annually to the member of the graduating class of Gettysburg College who through his or her four years as an undergraduate of Gettysburg College has shown the highest degree of good citizenship and who by his or her character, industry, enterprise, initiative, and personal activities has contributed the most toward campus morale and the prestige of Gettysburg College.

Muhlenberg Freshman Prize: The income of a fund of \$500 contributed by F. A. Muhlenberg, D.D., LL.D., a former professor at Gettysburg College, is given at the close of each year to that member of the Freshman class taking Latin or Greek or both who is found to have attained the highest general scholarship average.

Nicholas Bible Prize: The income from a fund of \$500 established by the Rev. J. C. Nicholas, D.D., Class of 1894, is annually awarded to that member of the Senior class who has done the best work in advanced courses in Biblical Literature and Religion.

The William H. Patrick Award: The sum of \$25.00 is awarded to

the student who has demonstrated a distinct proficiency in public speaking, by attending speech classes and by public appearances.

Phi Sigma Iota Prize: The sums of \$5 and \$2.50 are given to the two members presenting the best papers to the fraternity.

Sceptical Chymists Prize: The sum of \$10, to encourage the presentation of meritorious talks, is awarded annually by the Sceptical Chymists to the member or pledge who delivers the best speech before the Society during the year.

Stine Chemistry Prize: The income from a fund of \$1,000 established by Charles M. A. Stine, Ph.D., Sc.D., LL.D., Wilmington, Del., Class of 1901, is awarded annually at the end of the Senior year to a student majoring in Chemistry. The winner of the prize is determined on the basis of his Chemistry grades, laboratory techniques, personality, general improvement in four years, and proficiency in the subject at the time of his selection.

Samuel P. Weaver Scholarship Foundation: Established by Dr. Samuel P. Weaver, President of the Great Northwest Life Insurance Company, this foundation awards the sums of \$50 and \$25 to those two members of the student body who write the best essays on an assigned topic in the field of constitutional law and government.

Edwin and Leander M. Zimmerman Senior Prize: The interest on \$1,000 is given to the Senior whose character, student influence, and scholarship have contributed most to the upbuilding of the College.

Note: Only students who have been in attendance during all of the period for which prizes are designated are eligible for the awards.

Scholarships and Grants in Aid for Students

Qualifications for Grants. In granting aid, the *Committee on Scholarships and Financial Aid* is governed primarily by *character*, *need* for assistance, and *academic ability*. In addition, the Committee may consider promise of a contribution to the College through outstanding service.

Because the fundamental purpose of aid at Gettysburg College is to assist worthy students who otherwise could not attend college except by undue sacrifice on the part of the parents, the principal emphasis in a grant is on the *need* of the applicant. Some preference

is given where two or more children from the same family are attending Gettysburg College simultaneously. Under certain conditions, the children of ULCA clergymen, not receiving aid from other sources, may be granted a discount in tuition.

Gettysburg College uses the scholarship services of the College Entrance Examination Board. All new applicants for aid should secure a "College Scholarship Service" blank from any one of the College Board Colleges. The service forwards the financial information to the schools to which the applicant is applying for a grant in aid.

All new students should present applications no later than April 15.

Students who have had a previous grant should secure a renewal blank from the office of the Dean of Students and return it no later than May 1.

Conditions of a Grant in Aid

1. Grants are awarded for one year at a time. Ordinarily they are renewable, upon application, if the original conditions continue.

2. Financial aid is never granted to a student for more than eight semesters. There are no grants available during a Summer Session.

3. A student placed on disciplinary probation automatically loses all financial aid, effective immediately.

A student placed on scholastic probation two successive semesters will be deprived of his grant.

4. Grants in aid may be awarded in varying amounts up to \$700 annually. This grant may include both free grant and loan.

5. The amount of a grant is applied as a credit on the College bill.

Types of Aids

The following sections describe the types of financial aid available. All are granted under the qualifications and conditions previously explained.

General College Grants in Aid

The returns from an endowment and funds from other sources have been set aside to assist worthy students. New students should apply for College grants in aid, for rarely can they qualify for the special conditions called for in the Endowed Scholarships. These College grants are awarded in various amounts according to the need of the student, but never for more than \$700.

General College Loans

A part of the total grant in aid may be given in the form of a loan under the following conditions:

1. This loan shall be interest free until the student has been out of College one year.
2. Interest at the rate of six per cent shall be charged against any unpaid indebtedness after this period.
3. All interest and principal shall be paid in no less than five payments beginning one year after leaving college. Interest charges and payment on principal may be deferred for those attending graduate school.

Competitive Scholarships

The College offers a number of scholarships granted on the basis of a combination of the scores of the morning program of the College Examination Board and a Gettysburg College Test battery. High school seniors who rank academically in the upper quarter of the graduating class and who have an unqualified character recommendation from their school are eligible to try for a competitive scholarship.

These scholarships range from \$700 annually for each of four years for a total of \$2,800 each down to \$100 annually for each of four years for a total of \$400 each. The examinations required for the 1958 scholarships are the morning program of the College Entrance Examination Board to be taken preferably in January but no later than March and the Gettysburg Examinations administered at Gettysburg only on April 12, 1958. The date for the 1959 Gettysburg Examinations will probably be Saturday, April 11

All winners of Competitive Examinations are honored by public announcement. The amount of the grant is determined by financial need.

Endowed Scholarships

Endowed funds have been set up for the award of scholarships under the conditions described in each of the following grants:

Frank D. Baker Bequest: The sum of \$300 annually is available through the generous bequest of Frank D. Baker to aid students in immediate need of financial assistance. This fund is to be administered by the President of the College.

Dr. Joseph B. Baker and Rena L. Baker Scholarship Fund: The income from \$2,500 donated by the Woman's League of Gettysburg College is to be given each year to a needy and deserving student in the Music Department to provide for special lessons in that department.

Dr. Ray Alfred Barnard Scholarship Fund: The income from \$1,200 is to be given each year to a male student of Gettysburg College who shall be a member of the Lutheran Church who is preparing for the ministry in the Lutheran faith, and who shall also be a member of the Central Pennsylvania Synod of the United Lutheran Church in America.

Bateman Scholarship: The Rev. Sydney E. Bateman, M.D., Class of 1887, established a scholarship fund of \$500, the income from which is awarded each year to a needy student preparing for the ministry.

Jessie E. Benner (1907) and Minerva B. Benner Scholarship Fund: The income from \$10,000 is to be used to aid worthy students financially in need. The student or students to be aided shall be preferably, but not necessarily, those studying for ministry of the Gospel.

Blough Scholarship: Burton F. Blough, a former member of the Board of Trustees, established a scholarship endowment fund of \$5,000. The income from this fund is to be used to aid needy and deserving students.

Cambridge Rubber Foundation Scholarship: Funds made available through the generosity of the Cambridge Rubber Foundation, Inc., provide a sum of \$200 per year to be granted to one or two entering Freshmen. In rare instances this sum may be granted to an upper-classman if, in the opinion of the Committee on Scholarships, the upperclassman is better qualified and more deserving.

Class of 1913 Scholarship Fund: The income from a fund of \$3,000 is to be given each year to a needy and deserving student.

Class of 1916 Scholarship Fund: The income from a fund of \$1,370 is to be given to a needy and deserving Sophomore.

Class of 1918 Scholarship Fund: The income from a fund of \$3,655 is available each year for a needy and deserving student or students.

Jacob Charles and Rosa Bott Eisenhart Scholarship: The income on a fund of \$6,500, established by the J. C. Eisenhart Wall Paper Com-

pany, is available each year toward the payment of the tuition of deserving students preparing to become Lutheran Missionaries, or planning to attend a Lutheran Seminary.

Clarence A. and Myrtle B. Eyler Scholarship: The income on a fund of \$5,000 is available each year toward the payment of the tuition of a deserving student.

Margaret E. Fisher Memorial Fund: Nelson F. Fisher, M.D., '18, contributed a fund of \$6,000 in memory of his mother, Margaret E. Fisher, the income on which is to be applied to the tuition of the athlete who excels in one or more major sports and who achieves the highest scholastic average among winners of varsity letters.

Dr. D. F. Garland, '88, Scholarship: The income from a fund of \$500 will be given each year toward the payment of the tuition of deserving young people preparing for the Lutheran ministry.

The Henry W. A. Hanson Scholarship Foundation: This award was established by the Board of Trustees of Gettysburg College in honor of Henry W. A. Hanson and in recognition of his leadership and of his distinguished service to Gettysburg College and to the cause of education in the Lutheran Church and in the nation. The recipient is chosen from the members of the Senior class who expect to enter graduate school in preparation for college teaching. The applicant must have successfully passed the Graduate Record Examination. If the Senior elected cannot accept, the next qualified candidate can be elected. If no member of the Senior class is chosen, the Committee may select a member of a previous class. The grant is the income from a fund of \$8,911.

Kirschner Scholarships: Mr. and Mrs. C. J. Kirschner established a scholarship endowment fund of \$10,000 to perpetuate the memory of their son, Alvan Ray Kirschner, who lost his life in World War I. The income is divided into two scholarships, which are awarded to students under certain conditions which give preference to those from Hazleton and vicinity. Applications for the use of these scholarships should be made directly to Mr. C. J. Kirschner, Hazleton, Pa.

Lutheran Brotherhood Scholarships: Two scholarships established by the Lutheran Brotherhood Life Insurance Society to be presented to Junior Lutheran students at the time of their registration as Seniors. These students must, in the opinion of the *Committee on Scholarships*,

be outstanding in religious leadership and scholastic ability and other qualifications determined by the Committee.

McCollough Scholarships: These scholarships were established in memory of Charles B. McCollough, Jr., by his parents, Mr. and Mrs. Charles B. McCollough, Sr., and his great uncle, Mr. H. B. Earhart. The income from a fund of \$17,143.75 is awarded annually to two men and two women at Gettysburg College on the basis of character, need, and ability.

Dr. John E. Meisenhelter Scholarship: This award is the income from a bequest establishing a scholarship amounting to \$300 a year. The principal is held in the permanent Endowment Fund.

J. Elsie Miller Scholarship: The income on a fund of \$5,000, bequeathed by J. Elsie Miller, is available each year toward the payment of the tuition of deserving young men preparing for the Lutheran ministry.

Miller-Dewey Education Fund: The income from a fund of \$10,000 established by the late Rev. Adam B. Miller, A.M., a member of the Class of 1873, is annually available for the purpose of aiding deserving persons in obtaining an education at Gettysburg College. The graduates of Loysville Orphans' Home have the first claim on these scholarships.

William F. Muhlenberg Award: The income from a fund of approximately \$800 is awarded annually to a member of the Junior class on the bases of character, scholarship, and proficiency in campus activities.

The C. H. Musselman Company Scholarship: Funds made available through the generosity of The Musselman Foundation provide each year one four-year scholarship in the amount of \$930 per year. If more than one applicant should meet the general qualifications for this scholarship, preference shall be given to the applicant who has selected or signifies his or her intention of selecting chemistry or business administration as the major course of study. This factor shall be disregarded if no applicant has selected or signified his or her intention of selecting either chemistry or business administration as the major course of study.

Nellie and Bernard Oller Memorial Scholarship: The interest on a fund of \$5,000, bequeathed by Mrs. Ida R. Gray, is available each

year toward the payment of the tuition of a deserving student. This scholarship is awarded under certain conditions which give preference to students from Waynesboro, Pennsylvania.

Lovina Openlander Scholarship: The income from \$3,000 is to be used for providing scholarships in the amount of \$50 each to aid young men or women who are in need of financial assistance in order to continue their College work.

Parent Education Society Scholarship Loans: The Parent Education Society of the Evangelical Lutheran Church in the United States many years ago placed \$5,000 in the Endowment Funds of the College, the income from which is to provide ten scholarship loans each year valued at \$20 each. These scholarship loans may be granted to one or more persons selected by a committee comprised of the President of Gettysburg College and the President of the Lutheran Theological Seminary of Gettysburg.

The person or persons selected must be bona fide students for the ministry, and meet all the requirements for recipients of scholarships. The amount granted will be used to meet the tuition cost of the student, and he will be asked to sign a promissory note which will be automatically cancelled after the recipient serves two continuous years in the ministry.

Presser Foundation Scholarship: The Presser Foundation Scholarship of \$350.00 is awarded annually to one or more students in the School of Music who, in the opinion of the Music Staff, now show superior promise in the field of Music. Preference is given to those who expect to major in Music Education.

Edgar Fahs Smith Memorial Scholarship Fund: The income from a fund established by Margie A. Smith to be used to pay the tuition of one or more deserving students specializing in chemistry. This scholarship is held in abeyance under the terms of the bequest to allow the growth of the principal to the necessary amount.

Stine Scholarships: Charles M. A. Stine, Ph.D., Sc.D., LL.D., Class of 1901, established an endowment fund which makes available three \$100 scholarships known as the Milton H. Stine Scholarships. These are awarded each year to young men preparing for the Christian ministry. Dr. Stine established these scholarships in honor of his father and mother.

Dr. George W. Stoner Award: The income from \$10,000 is awarded to a worthy male Senior accepted by a recognized medical college.

Rufus B. Weaver Scholarship Foundation: The income from a fund of almost \$20,000 established by the widow of Rufus B. Weaver, a graduate of the College in 1862, is devoted to scholarships for deserving students.

Wellington Scholarship: The income on a fund of \$5,000, bequeathed by Senator George L. Wellington, is available each year toward the payment of the tuition of a deserving student.

Synod of West Virginia: The Synod of West Virginia of the United Lutheran Church in America has made available two scholarships in the amount of \$225 each. These scholarships are available to young men or women who are active members of a congregation of the Synod of West Virginia, are enrolled as entering Freshmen, and have stood in the upper third of their graduating high school class.

These scholarships are awarded by the Synod Scholarship Committee. All applications should be sent to this committee. Address all communications to The Reverend George W. Schillinger, D.D., Chairman, Committee on Scholarships, 1596 Lee St., Charleston, W. Va.

York-Shipley Scholarship: A scholarship in the amount of \$575 each year for four years, for one student, has been established through the generosity of York-Shipley, Inc., of York, Pa.

The scholarship will be awarded to an outstanding male student, preferably from York County who plans to major in Business Administration. Scholarship, citizenship and examination scores constitute the criteria for granting this award.

Loan Fund

Alumni Loan Scholarship Fund: By resolution of the Alumni Council a portion of Loyalty Fund collections (in the amount of \$8,019) has been set aside as a Loyalty Student Loan Fund which is available only to members of the Senior class. The funds so allocated may be lent to a student on his or her note, with at least one approved endorser, and shall be without interest until one year after the borrower's class is graduated from Gettysburg College, and thereafter shall bear interest at the rate of six per cent per annum. This fund was augmented \$1,000 in 1956 by a donation by H. F. Widman, Class of 1921.

Class of 1909 Fund: A revolving fund amounting to about \$2,000 has been established by the Class of 1909 for the purpose of aiding worthy students.

The Daughters of Union Veterans of the Civil War have established a "Grand Army of the Republic Living Memorial Scholarship Fund" of \$2,500 to be used as a loan fund.

Morecraft Loan Scholarship: The St. James Lutheran Church of Stewart Manor, Long Island, has established a fund of \$1,000 in honor of its late Pastor Edward J. Morecraft. This fund is to be used to assist worthy students under the same conditions as the Alumni Loan Scholarship Fund.

Rothfuss Loan Scholarship: E. Lloyd Rothfuss, M.D., Class of 1916, established a memorial to his father and mother, Charles H. Rothfuss and Martha Huffman Rothfuss, in the form of a \$6,000 loan scholarship fund. This fund is to be administered under the same terms as the *Alumni Loan Scholarship Fund*.

Other Financial Aid

Campus Opportunities

1. *Gettysburg College* is prepared to grant work opportunities to a limited number of deserving students. A work opportunity is a guarantee that there will be available enough work on the campus for the recipient to earn a sum equal to the amount granted.

If studies or illness interfere with the completion of the assigned work, the College will credit the unearned portion to the student's account as if earned.

Upperclassmen seeking employment should make application through the Dean of Students.

2. The *Gordon-Davis* service agents: Two or three students may earn substantial sums collecting and distributing room linens serviced by the Gordon-Davis Linen Supply Company. The *Scholarship Committee* selects these agents each year.

Reserve Officers' Training Corps

Students enrolled in the ROTC Program receive monetary commutation in lieu of rations at the rate of ninety cents per day from

the date of their enrollment in the *Advanced Course* until graduation, except during the Summer Training period, when they receive regular basic pay. Basic Cadets are loaned uniforms by the College or Government. Advanced Cadets are given tailor-made uniforms which they retain upon graduation and commissioning. Total remuneration during the Advanced Course, including value of the uniform, is approximately \$700.

Work-in-Town Opportunities

Each year students take part-time work in the community. The College assists some students in work placement, but takes no direct responsibility.

Courses of Instruction

General Education Courses

In view of the growing complexity of our civilization and our increasing awareness of individual responsibility, it has become apparent that premature specialization and the department isolation of students and teachers are no longer either ethically defensible or socially practicable. An education valid for our world must find its basis in an integrated understanding of man in his essential roles: as living creature in the natural universe, as inheritor of a rich and significant past, as participant in human institutions, and as discoverer and creator of patterns and values which give meaning to human existence. Similarly, the wise choice of a vocation and adequate training in its special techniques must be based upon an inclusive knowledge of the chief fields of human endeavor and some appreciation of the special potentialities and obligations of the various callings.

In an attempt to provide such foundations for its students, the College has established the following general courses. The first two are required of all A.B. candidates.

1. INTRODUCTION TO CONTEMPORARY CIVILIZATION

MESSRS. AKOLEKAR, ALEXANDER, BLOOM, BONEAU, CRAPSTER, FORTENBAUGH, GLATFELTER, HAMMANN, HAMPTON, JOHNSON, PICKERING, RICHARDSON, SCHUBART, SHAFFER, TRONE, AND ZAGARS

A general education course introducing the student to the backgrounds of contemporary social problems through the major concepts, ideals, hopes, and motivations of western culture since the Middle Ages.

Six semester hours credit.

Required of all A.B. Freshmen. Three hours, throughout the year.

2. LITERARY FOUNDATIONS OF WESTERN CULTURE

MESSRS. BASKERVILLE, CHARLES, DARRAH, HAMMANN, HELD, LINDEMAN, MASON, PICKERING, PLAYFOOT, SHAFFER, SUNDERMEYER, AND WOLFINGER, AND MMES. MCLENNAND, TAYLOR, AND TOWNSEND

An introduction to the ideals and forms of Western thought, presented through reading and interpretation of selected classics: Homer through Virgil and St. Augustine through Goethe.

Six semester hours credit.

Required of all A.B. Sophomores. Three hours, throughout the year.

3. WORLD LITERATURE SINCE 1830

MR. SUNDERMEYER

The forming of contemporary thought in literary masterpieces of East and West.

Six semester hours credit.

Elective for Juniors and Seniors. Three hours, throughout the year.

4. THE DEVELOPMENT OF THE SCIENCES OF MAN

MR. DARRAH

The relation of the tradition of the biological sciences to the intellectual interests of contemporary man. Interpretation of the human environment, man himself considered objectively, and the human values intrinsic in science.

Three semester hours credit.

Open to Juniors and Seniors. Three hours, first semester.

Departmental Courses

Biblical Literature and Religion

Professor WALTEMYER, *Associate Professor* DUNKELBERGER, *Assistant Professor* FREED, and *Instructors* HAMMANN and TRONE

Requirements for a major include 24 semester hours: Greek 6 and Philosophy 12 may be included. Courses 1a and 1b are prerequisite for all other courses in the department and may be counted toward a twelve-hour minor. Students majoring in this department are required to have a minor in Greek or Latin.

1a. OLD TESTAMENT HISTORY

STAFF

The rise and progress of the Hebrew people with emphasis upon the religious truths which, through them, were communicated to the world in preparation for the advent of Christ.

Three semester hours credit.

Required of all Freshmen. Three hours, first semester.

1b. LIFE OF CHRIST

STAFF

The external aspects of Christ's life as it presented itself to those who witnessed it, with a view to an understanding of its external significance.

Three semester hours credit.

Required of all Freshmen. Three hours, second semester.

4. CHURCH HISTORY

MR. DUNKELBERGER AND MR. WALTEMYER

An extension of the study of Christianity beyond its Biblical limits, as a continuous religious development from its New Testament origins to the present.

Three hours, throughout the year.

Six semester hours credit.

6. EVIDENCES OF CHRISTIANITY

MR. DUNKELBERGER

The theistic evidences and the proofs of the presence and action in the world of a supernatural redemptive power as these appear in the first Christian documents, and in Christian history; deals with the questions which arise in the effort to intellectualize the content of the Christian revelation.

Three hours, second semester.
Not given 1958-1959.

Three semester hours credit.

8. RELIGIONS OF THE WORLD

MR. WALTEMYER

A survey of the history and content of the great religions of the world, with a view to their comparison with Christianity and to a better understanding of the peoples of our day.

Three semester hours credit.

Three hours, second semester.

10. NEW TESTAMENT HISTORY AND LITERATURE

MR. WALTEMYER

The spread of Christianity from Jerusalem, through Palestine, to Antioch, through Asia Minor to Greece and then to Rome, with emphasis on the life and writings of Paul.

Three semester hours credit.

Three hours, first semester.

12. THE HEBREW PROPHETS

MR. FREED

The prophets and their times, with a view to discovering the abiding principles contained in their messages. Effort is made to relate these principles of the present social order.

Three semester hours credit.

Three hours, first semester.

13. CONTEMPORARY RELIGIOUS THOUGHT

MR. DUNKELBERGER

An examination of the ideas of the religious leaders of our times and a consideration of major religious emphases today.

Three semester hours credit.

Three hours, first semester.

14. INTRODUCTION TO RELIGIOUS EDUCATION

MR. TRONE

The principles and methods of religious education applicable to the Sunday School, the Week-day Church School, and the Daily Vacation Bible School. The members of the class will conduct a Week-day Bible School in Christ Lutheran Church. A limited number of students will be accepted.

Three hours, throughout the year.

Six semester hours credit.

15. PSYCHOLOGY OF RELIGION

MR. DUNKELBERGER

A survey of thought in the field of the psychology of religion as developed by William James, James Leuba, J. B. Pratt, E. D. Starbuck and a few others, together with the significant problems of religious personality and its development.

Three semester hours credit.

Three hours, second semester.

Not given 1958-1959.

16. THE GOSPEL OF JOHN

MR. FREED

The chief emphasis will be given to the thought and content of the gospel itself. An effort will be made to discover some of the various forms of the thought background of the gospel, especially that of the Old Testament. There will also be some study of the gospel in its relationship to the Synoptic Gospels and to the First Epistle of John.

Three semester hours credit.

Three hours, second semester.

Biology

Professor BOWEN, Associate Professors MESSER and DARRAH, Assistant Professors BARNES, GILFORD, and SANDNES, Lecturer H. DARRAH and ASSISTANTS

The courses in this department are designed to provide an understanding of the basic principles of general and comparative biology. Emphasis is placed on the following features: the cultural values of biological science; the correlation of biology with sociology, psychology, anthropology, and paleontology, and the integration of biology with other areas of human knowledge and experience; biological principles in relation to human life; fundamental training for students who plan to enter schools of medicine, dentistry, nursing, forestry, laboratory technology, or other professional biological fields.

Requirements for a major include a minimum of 32 semester hours as approved by the adviser. A premedical major in Biology includes Biology 11 and 12 (or Biology 1), 23, 31, 33, and such other courses in Biology, and in Physics, Chemistry, English and modern foreign languages as are arranged with the adviser.

1. GENERAL BIOLOGY

MR. GILFORD, MR. SANDNES,
MRS. DARRAH, AND ASSISTANTS

Basic principles of structure and function in plants and in animals, including man.

Eight semester hours credit.

Three class hours and three laboratory hours, throughout the year.

11. GENERAL BOTANY

MR. DARRAH

An introduction to the biology of plants, presenting basic principles and emphasizing the position of plants in nature and in relation to human interests.

Four semester hours credit.

Three class hours and three laboratory hours, either semester.

12. GENERAL ZOOLOGY

MR. BARNES

An introduction to the biology of animals, presenting basic principles and emphasizing the position of animals in nature and in relation to human interests. *Four semester hours credit.*

Three class hours and three laboratory hours, either semester.

21. VERTEBRATE ZOOLOGY

MR. MESSER

Representative vertebrates, with special emphasis upon structure, the physiological importance of organs, and the relationships existing among the various groups of vertebrate animals. *Four semester hours credit.*

Prerequisite: Biology 1 or 11 and 12. Three class hours and three laboratory hours, first semester.

23. COMPARATIVE ANATOMY OF VERTEBRATES

MR. MESSER

Detailed examination of the origins, structure, and functions of the principal organs of typical fishes, amphibians, reptiles, birds, and mammals. Special attention is given to the progressive modification of organs from lower to higher vertebrates. *Eight semester hours credit.*

Prerequisite: Biology 1 or 11 and 12.

Three class hours and three laboratory hours, throughout the year.

24a. BOTANY

MR. DARRAH

The identification and classification of lower plants; their physiology, origin, and distribution; their importance in human affairs, including industrial applications. Emphasis on field work. *Three semester hours credit.*

Prerequisite: Biology 1 or Biology 11. Two class hours and three laboratory or field hours, first semester.

24b. BOTANY

MR. DARRAH

The identification and classification of vascular plants; their origin and distribution; their importance in human affairs, including history, culture, and social customs. Emphasis on field work. *Three semester hours credit.*

Prerequisite: Biology 1 or Biology 11. Two class hours and three laboratory or field hours, second semester.

25. CONSERVATION

An introduction to the general principles of conservation including the management of forests, soils, waters, fishes, birds, and mammals, and their importance in economic and cultural life. *Three semester hours credit.*

No prerequisite. Two class hours, and field trips as arranged, first semester. Not given 1958-1959.

26. FIELD WORK IN BIOLOGY: PLANTS AND INVERTEBRATES

MR. BARNES

The identification and distribution of plants and animals and the mutual relations between organisms and their environment. Emphasis upon plants and invertebrate animals.

Three semester hours credit.

Prerequisites: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, second semester.

Not given 1958-1959.

27. ECOLOGY

The major natural regions of the earth, particularly North America, and the adaptations of living organisms to their environments. Emphasis on animal associations.

Three semester hours credit.

Prerequisite: Biology 1 or 11 and 12. Two class hours, and field trips as arranged, first semester.

Not given 1958-1959.

28. FIELD WORK IN BIOLOGY: PLANTS AND VERTEBRATES

MR. GILFORD

The identification and distribution of plants and animals, and the mutual relations between organisms and their environment. Emphasis upon plants and vertebrate animals.

Three semester hours credit.

Prerequisite: Biology 1 or 11 and 12. Two class hours and three field or laboratory hours, first semester.

31. MICROSCOPY AND MICROTECHNIQUE

MR. BOWEN

Theory and use of the microscope and other types of optical instruments; the handling of microscopic objects; the techniques of preparing materials for microscopic investigation.

Four semester hours credit.

Prerequisite: Biology 21 or 23. Three class hours and three laboratory hours, first semester.

32. HISTOLOGY

MR. BOWEN

The microscopic structure, origin and function of individual cells, the fundamental tissues, and the principal organs of the animal body.

Four semester hours credit.

Prerequisite: Biology 21 or 23. Three class hours and three laboratory hours, second semester.

33. EMBRYOLOGY

MR. BARNES

Development from the germ cells to the establishment of the principal organs of the body, including both the anatomy and physiology of development.

Four semester hours credit.

Prerequisite: Biology 21 or 23. Two class hours and two two-hour laboratory periods, first semester.

36. MAMMALIAN ZOOLOGY

MR. MESSER

Detailed structure of a typical mammal and an introduction to human anatomy and physiology. *Four semester hours credit.*

Prerequisite: Biology 21 or 23. Three class hours and three laboratory hours, second semester.

37. PARASITOLOGY

MR. GILFORD

An introduction to the general principles of parasitism with emphasis upon the evolution, taxonomy, morphology and physiology of animal parasites.

Four semester hours credit.

Prerequisite: Biology 1 or 12. Three class hours and three laboratory hours, first semester.

Not given 1958-1959.

38. INVERTEBRATE ZOOLOGY

MR. BARNES

The anatomy, physiology, embryology and natural history of the major groups of invertebrates and a consideration of the principles of invertebrate phylogeny. *Four semester hours credit.*

Prerequisite: Biology 1 or 12. Three class hours and three laboratory hours, second semester.

41. GENERAL MICROBIOLOGY

MR. BOWEN

The nature and importance of microorganisms, including yeasts, molds, bacteria, and pathogenic protozoa. *Four semester hours credit.*

Prerequisites: Biology 1, or 11 and 12. Three class hours and three laboratory hours, first semester.

Not given 1958-1959.

43. PRINCIPLES OF HEREDITY

MR. SANDNES

The fundamental principles of heredity as observed in common plants and animals, including man, and the relationships between heredity and development, physiology, and evolution. *Three semester hours credit.*

Prerequisites: Biology 1 or 11 and 12. Two class hours, first semester.

44. PREHISTORIC LIFE

MR. BOWEN

An introduction to the geologic history of plants and animals from the development of life to the beginning of historic time.

Two semester hours credit.

No prerequisite: Two class hours, second semester.

Not given 1958-1959.

45. GENERAL PHYSIOLOGY

MR. BOWEN

The structural and functional bases of plant and animal reactions; the mechanics and dynamics of living matter.

Prerequisite: Biology 21 or 23.

45a. Emphasis upon cellular physiology. Three class hours and three laboratory hours, first semester. *Four semester hours credit.*

45b. Emphasis upon comparative physiology. Three class hours and three laboratory hours, second semester. *Four semester hours credit.*

51. BIOLOGICAL SEMINAR

STAFF

A survey of the field of biology; the history of biology; the use of scientific publications, including recent biological texts and current journals.

Three semester hours credit.

Course advised for Junior or Senior Biology majors. Three class hours, second semester.

55. PROBLEMS IN BIOLOGY

STAFF

An introduction to special techniques and methods in biological investigation. Offered to Junior or Senior Biology majors who have the approval of the department for this particular course.

Maximum credit of four semester hours each semester.

Hours and credit as arranged.

Chemistry

Professors ZINN and SLOAT, Associate Professor WEILAND, and ASSISTANTS

Requirements for a major include 1, 2a, 2b, 4, and 5. Premedical majors in Chemistry need in addition such courses in Biology, Physics, English, and modern foreign languages as are necessary to meet the requirements of the medical school of the student's choice. Other Chemistry majors will take advanced courses according to their needs and upon the advice of the head of the department.

1. GENERAL CHEMISTRY

MESSRS. SLOAT, WEILAND,
ZINN, AND ASSISTANTS

The occurrences, properties, uses, and methods of preparation of the more common elements and their compounds, and the theoretical principles involved. Special emphasis is placed upon the scientific method of reasoning and the application of chemical principles through the solving of problems.

Eight semester hours credit.

Two lectures, one recitation, and three laboratory hours, throughout the year.

2a. QUALITATIVE ANALYSIS

MR. WEILAND

Comprehensive study of chemical equilibrium and its application to inorganic qualitative analysis. Laboratory is on a semimicro scale.

Four semester hours credit.

Prerequisites: Chemistry 1 and Mathematics 1 or 2. Two lectures and six laboratory hours, first semester.

2b. QUANTITATIVE ANALYSIS

MR. WEILAND

Theory and practice of gravimetric and volumetric analysis. Familiarity with the work and principles is sought through the solution of problems.

Four semester hours credit.

Prerequisite: Chemistry 2a. Two lectures and six laboratory hours, second semester.

3. ADVANCED ANALYTICAL CHEMISTRY

MR. WEILAND

Discussion and laboratory practice of gravimetric separations, volumetric and colorimetric analysis, and organic combustion methods.

Recommended to prospective graduate students and industrial chemists.

Four semester hours credit.

Prerequisites: Chemistry 1, 2a, and 2b. Six laboratory hours, throughout the year.

4. ORGANIC CHEMISTRY

MR. ZINN

Systematic study of the compounds of the aliphatic and aromatic series with special emphasis upon relationships and synthesis of the more common compounds together with the study of their properties and techniques of preparation in the laboratory.

Eight semester hours credit.

Prerequisites: Chemistry 1, 2a, and 2b. Three lectures and three laboratory hours, throughout the year.

5. PHYSICAL CHEMISTRY

MR. SLOAT

Fundamental atomic and molecular theory, electron conception of valence, complex compounds, gases, solids, energetics, liquids, solutions, colloids, conductance, electromotive force, ionic equilibria. Chemical equilibria, physical properties of matter, and phase rule. Laboratory illustration of such of these principles as are of theoretical interest or of particular service in medical school or industrial practice.

Eight semester hours credit.

Prerequisites: Chemistry 1, Physics 102, and Mathematics 6. Three lectures and three laboratory hours, throughout the year.

6. SPECIAL QUANTITATIVE METHODS

A course designed to acquaint the student with a large variety of the methods and apparatus used in the analysis of minerals, alloys, iron and steel, gases, water, carbon and nitrogen compounds, foodstuffs, and natural and artificial products by modern gravimetric, volumetric, electrometric, potentiometric, polarigraphic, colorimetric, and photometric methods.

Hours and credit as arranged up to four semester hours.

Prerequisites: Chemistry 1, 2a, 2b, and 3.

8. ADVANCED ORGANIC CHEMISTRY

MR. ZINN

Special topics in organic chemistry. Organic analysis and advanced preparations constitute the laboratory work. Recommended to prospective graduate students and industrial chemists.

Eight semester hours credit.

Prerequisite: Chemistry 4. Two lectures and six laboratory hours, throughout the year.

9. TEACHER'S COURSE

MR. SLOAT

The organization and conduct of an elementary course in Chemistry. Required of prospective teachers and graduate students.

Open to Juniors and Seniors.

Four semester hours credit.

One lecture and three laboratory hours, throughout the year.

Dramatic Arts

Professor ARMS

1a. APPRECIATION OF THE THEATRE

MR. ARMS

Current plays of the English-speaking stage discussed in detail.

One hour, throughout the year.

Two semester hours credit.

2. TECHNIQUE OF THE THEATRE

MR. ARMS

Theory and practice of acting and production.

Two hours, throughout the year.

Four semester hours credit.

Economics and Business Administration

Professor STOKES, Associate Professor ZAGARS, Assistant Professors BAIRD, WILLIAMS, and VAN INGEN, Instructors AKOLEKAR and SHOEMAKER, and ASSISTANTS

The courses offered in this department are designed to provide an understanding of the principles of economic behavior. Both theoretical and applied courses

are designed to meet the needs of students who intend to enter graduate and professional schools, or plan a career in business or government. Fundamentals rather than techniques are stressed.

Students may select either Economics or Business Administration as their major field.

Economics

The requirements for a major in Economics are a minimum of 24 semester hours including courses 3, 15, 16, and 18, and Mathematics 23 (Statistics). In addition all majors are required to take Political Science 1a (American Government), and are advised to take Economics 4 (Accounting).

3A. PRINCIPLES OF ECONOMICS

STAFF

A survey of the existing and changing economic order. An analysis of basic factors of production, exchange, distribution, and consumption of wealth. This course is designed to meet the requirements in economics of those who wish to be certified to teach social studies in the public schools of Pennsylvania. It is not acceptable in partial fulfillment of the major and minor requirements of the department.

Three semester hours credit.

Three hours, first semester.

3. PRINCIPLES OF ECONOMICS

STAFF

Economic principles, problems, and policies, with special emphasis on production, value, money, wages, interest, rent, profits, and consumption.

Required of all majors and minors in Economics. Recommended for all Political Science majors. Prerequisite for all other courses in Economics.

Sophomore course. Three hours, throughout the year.

Six semester hours credit.

11. LABOR RELATIONS

MRS. DOUGLAS

Labor in industrial society; nature of labor market; marginal workers and their protection; history of trade unionism and employer policies; collective bargaining processes; organized labor and the law.

Three semester hours credit.

Junior and Senior course. Three hours, either semester.

14. TRANSPORTATION

MR. STOKES

Development, operation, and coordination of rail, motor, and water transportation facilities and their regulation.

Three semester hours credit.

Junior and Senior course. Three hours, second semester.

15. ECONOMIC ANALYSIS

MR. WILLIAMS AND MR. VAN INGEN

An analysis of current theory and problems. *Three semester hours credit.*

Senior course. Required for all Seniors.

Three hours, either semester.

16. MONEY AND BANKING

MR. STOKES

The nature and functions of money and credit, credit instruments, monetary standards, classes and functions of banks, commercial bank operations, the structure and operations of the Federal Reserve System, theories of money value, credit control, monetary policy. *Three semester hours credit.*

Junior and Senior course. Three hours, either semester.

18. HISTORY OF ECONOMIC THOUGHT

MR. ZAGARS

An analysis of the main contributions to economic thought from Adam Smith and his immediate predecessors to the present time.

Three semester hours credit.

Three hours, second semester. Senior course.

19. PUBLIC FINANCE

MR. STOKES

The provision, custody, and disbursement of the resources required for the conduct of government functions; the various types of taxes and their economic effects; fiscal policy; the budget; management of the public debt.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

20. INTERNATIONAL ECONOMICS

MR. ZAGARS

International trade, foreign exchange, international capital movements, tariffs and restrictive trade practices, trade agreements, international monetary agencies.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

21. BUSINESS CYCLES AND FORECASTING

This course examines the economic factors underlying cyclical variations in economic activity; cycle theories; behavior of selected domestic and international indicators of business fluctuations; forecasting techniques; control of cycles.

Three semester hours credit.

Junior and Senior course, second semester.

Not given in 1958-1959.

23. COMPARATIVE ECONOMIC SYSTEMS

MR. ZAGARS

A comparative study of the existing economic Systems.

Three semester hours credit.

Senior course, second semester.

24. SEMINAR IN ECONOMIC DEVELOPMENT

MRS. DOUGLAS

Types of social-economic change in the underdeveloped countries. Regional case studies. Aid problems and policies.

Three semester hours credit.

Senior course. Three hours either semester.

AMERICAN ECONOMIC HISTORY

See History 5.

ELEMENTARY STATISTICS

See Mathematics 23.

Business Administration

The requirement for a major in Business Administration is 30 semester hours. Courses 3, 4, and 15 are required and the remainder of the subjects may be selected from any of the courses listed below or from those listed under Economics. All majors are further required to take Political Science 1a.

1. ECONOMIC GEOGRAPHY MESSRS. AKOLEKAR, SHOEMAKER, AND WILLIAMS

The location and use of the world's economic resources. The course aims to provide a background for understanding industrial, commercial, and agricultural opportunities and limitations, with emphasis on climate, topography, population, and essential resources.

Three semester hours credit.

Open only to Freshmen, except with special permission of department. Three hours, first semester.

2. INDUSTRIES OF THE UNITED STATES

MESSRS. AKOLEKAR, SHOEMAKER, AND WILLIAMS

A survey of American industries, with emphasis on the origin, nature, and development of selected industries. Attention will be focused on their geographic basis, historical evolution, current economic position, and problems.

Freshman course. Three hours, second semester.

*Three semester hours credit.***4. ELEMENTARY ACCOUNTING**

MESSRS. BAIRD AND SHOEMAKER

Fundamental principles of modern accounting procedure, preparation of basic financial statements.

Six semester hours credit.

Sophomore and Junior course. Three class hours and two practice hours, throughout the year.

5. INTERMEDIATE ACCOUNTING

MESSRS. BAIRD AND SHOEMAKER

Analysis of advanced accounting procedures necessary to satisfy the demands of modern management, creditors, owners, potential investors, and governmental requirements. *Six semester hours credit.*

Junior and Senior course. Prerequisite: Economics 4. Three hours, throughout the year.

6. ADVANCED ACCOUNTING

MR. BAIRD

An advanced course for accounting students designed to develop a critical capacity for understanding, interpreting, and analyzing data with respect to consolidated statements, liquidations, estates and trusts, receiverships, and governmental and institutional accounting. *Three semester hours credit.*

Prerequisite: Economics 5. Three hours, first semester.

COST ACCOUNTING

See Mathematics 25.

MATHEMATICS OF INVESTMENT

See Mathematics 21.

7. FEDERAL TAXES

MR. BAIRD

An introduction to the study of federal taxes with emphasis on the accounting and management implications of the law. The preparation of returns and the analysis of current problem material will be required.

Three semester hours credit.

Prerequisite: Economics 5. Three hours, second semester.

8. MARKETING PRINCIPLES AND PRACTICES

MR. VAN INGEN

An analysis of the marketing structure underlying the sale and movement of goods from the producer to the final buyer, with a view toward determining the principles and practices conducive to more efficient marketing management. *Three semester hours credit.*

Junior and Senior course. Three hours, either semester.

9. AUDITING

MR. BAIRD

Principles and procedures of auditing, including preparation of audit programs, preparation of the working papers, and the writing of the audit report.

Three semester hours credit.

Prerequisite: Economics 5. Three hours, second semester.

Not given 1958-1959.

10. BUSINESS LAW

MR. STOKES

Legal rights and obligations arising out of common business transactions.

Three semester hours credit.

Junior and Senior course. Three hours, either semester.

12. INDUSTRIAL MANAGEMENT

MR. WILLIAMS

An introduction to the field of industrial management with special emphasis on economic background, financing, research, engineering, etc. Plant site selection, layout, production control, budgeting, purchasing, internal coordination and control.

Three semester hours credit.

Senior course. Three hours, first semester.

13. PERSONNEL MANAGEMENT

MR. WILLIAMS

Scientific labor management and personnel administration. Emphasizes the economic and social background, use of statistical tools and specialized techniques in job evaluation, merit rating, selection and training of workers, and wage determination.

Three semester hours credit.

Senior course. Three hours, second semester.

17. CORPORATION FINANCE

MR. AKOLEKAR

This course deals with the raising and administering of the funds used in the modern corporation. Topics covered include: corporate organization; stocks and bonds; principles of long-term finance; management of working capital and income; security exchanges; corporate expansion, failure and reorganization.

Three semester hours credit.

Senior course. Three hours, first semester.

Education

Professor ROSENBERGER, *Associate Professor* JOHNSON, *Lecturer* BASHORE, and
MR. DUCK

Gettysburg College is accredited by the Department of Public Instruction of the Commonwealth of Pennsylvania for the preparation of teachers in the following fields:

Secondary School Academic Subjects (Grades 7-12).

Public School Music (Grades 1-12).

Physical Education.

The Department provides the proper courses for certification in most of the other States with particular attention to New Jersey, Maryland, and Delaware. Those interested in teaching in private schools should also plan to include professional education courses in their program of studies.

A student planning to teach should confer with the Head of the Education Department before registering for a course in the department.

All students planning to teach must take General Psychology (Psychology 1) in the Sophomore year.

The privilege of taking the course in Student Teaching (Education 11) is restricted to students who have the recommendation of the Department Chairman in their major field. A passing grade must have been attained in all courses pursued the previous semester. Final approval may be dependent upon the candidate satisfactorily passing a speech test and final review by the Committee on Teacher Training.

Students interested in teaching should seek opportunities to work with children and youths in church activities, YWCA and YMCA, scouting, summer camp work, etc.

*Certification Requirements for Secondary School Teachers in
Pennsylvania and New Jersey*

PENNSYLVANIA

Requirements for the Provisional College Certificate:

Teaching Subjects:

Academic subjects: 18 hours in each subject. Certification in Social Studies will be granted by offering 9 hours in History and 3 hours in each of the following fields: Sociology, Political Science and Economics. Qualification to teach General Science is fulfilled by certification in biological science or physical science.

Music: complete the requirements for Bachelor of Science in Music Education.

Physical Education: complete requirements as enumerated by the Department of Health and Physical Education.

Education Courses:

Education 5, 6, 11, and six hours of approved electives. A course in Audio-Visual Education (Education 10) is required for making the Provisional College Certificate permanent.

History:

A course in United States History (3 hours) is required for permanent certification in Pennsylvania. History of Pennsylvania, History 9 or 6, is required for those students preparing to teach social studies in Pennsylvania.

NEW JERSEY

Requirements for the Secondary certificate:

General:

A bachelor's degree, to include 30 hours of general background courses distributed in at least three of the following fields: English, Social Studies, Science, Fine Arts, Mathematics, and Foreign Language.

Teaching Field:

A minimum of 18 semester hours is required for certification in: Biological Sciences, English, General Science, Health Education, History, Instrumental

Music, Latin, a specific modern language, Mathematics, Physical Education, Physical Science, Political Science and Economics, Speech, and Vocal Music. Thirty hours are required for Music, Science, and Social Studies.

Education Courses:

Education 1, 5, 6, 7 and 11. A course in Health Education must be offered: this may be Health Education 10 or 12, or Biology 1.

1. HISTORY OF EDUCATION IN THE UNITED STATES

MR. ROSENBERGER

The history of the development of education in America from colonial times to the present. Attention will be given to qualifications for teaching and professional ethics.

Three semester hours credit.

Three hours, either semester.

5. EDUCATIONAL PSYCHOLOGY

MESSRS. JOHNSON AND BASHORE

The development of the individual and the psychological principles of learning are extensively investigated. An introduction is given to evaluating and reporting pupil progress. Required for certification.

Three semester hours credit.

Prerequisite: Psychology 1. Junior course. Three hours, either semester.

6. INTRODUCTION TO SECONDARY TEACHING

MR. ROSENBERGER

Consideration is given to the function of the secondary schools in a democracy. Emphasis is placed on the methods and techniques of the teaching-learning process and to classroom management. Required for certification.

Three semester hours credit.

Junior course. Three hours, either semester.

7. SECONDARY SCHOOL CURRICULUM

MR. JOHNSON

The philosophy, practices and problems of the junior and senior high school curricula will be studied. The construction and revision of courses will be investigated as well as the core curriculum. A general orientation will be given to guidance and extra-curricular activities

Three semester hours credit.

Prerequisite: Education 6. Three hours, either semester.

10. AUDIO-VISUAL EDUCATION

MR. JOHNSON

The underlying philosophy, principles and techniques involved in the use of sensory aids are studied. The course is intended to increase the effectiveness of both the new and experienced teachers in the use of such aids.

Three semester hours credit.

Junior or Senior course. Three hours, either semester.

11. STUDENT TEACHING

MESSRS. ROSENBERGER AND BASHORE

Student observation, participation and teaching on the secondary school level under the supervision of an experienced teacher. Group and individual conferences are held for discussion of principles and problems. A minimum of 90 hours of responsible classroom teaching is recommended.

Six semester hours credit.

Prerequisites: Education 5 and 6. Senior course, either semester.

14. EDUCATIONAL MEASUREMENTS

MR. ROSENBERGER

The development of the principles of evaluation of individual differences as related to intelligence, aptitude, scholastic achievement and personality factors. The principles of test construction and interpretation of test data will be studied.

Three semester hours credit.

Prerequisites: Psychology 1 and 5. Second semester.

40. PRINCIPLES OF GUIDANCE

MR. DUCK

The principles and practices of counseling and guidance are studied. This involves the systematic study of the individual, the theories and techniques in practice, guidance programs, and the place of guidance in the total educational program.

Three semester hours credit.

Prerequisite: Psychology 1. Second semester.

English

(Composition, Literature, and Speech)

Professors GEYER and MASON, Assistant Professors BOLICH, LINDEMAN, PICKERING, TAYLOR, TOWNSEND, and WOLFINGER, Instructors BASKERVILLE, CHARLES, JACKSON, LOCHER, and McLENNAND

The requirement for a major is a minimum of 24 semester hours of English literature, including Courses 1, 31; 30 or 32; 21 or 22; 23 or 24; and six hours from among 11, 12, 13, 14, and 15. Majors and minors who expect to teach in the public schools should take English 15 and Speech 1. English A is a prerequisite for all other courses in English.

Composition

A. ENGLISH COMPOSITION

MESSRS. BASKERVILLE, CHARLES, LINDEMAN, LOCHER, PICKERING, AND WOLFINGER, AND MMES. McLENNAND, TAYLOR, AND TOWNSEND

Review of fundamentals of grammar, practice in writing, and interpretative reading. Required of all freshmen.

Six semester hours credit.

Three hours, throughout the year.

5. ADVANCED COMPOSITION

MR. PICKERING

The principles and techniques of expository and argumentative writing.

Three hours, first semester.

Three semester hours credit.

6. JOURNALISM

MRS. TAYLOR

Introduction to the techniques of newspaper writing and editing.

Two hours, either semester.

Two semester hours credit.

7. CREATIVE WRITING

MRS. TAYLOR

Technique of writing essays, short stories, etc. Open to all students, except Freshmen, with the approval of the instructor. *Four semester hours credit.*

Two hours, throughout the year. (Credit granted for one semester or both.)

8. ADVANCED CREATIVE WRITING

MRS. TAYLOR

Workshop for advanced writing students. Problems and techniques of writing short stories, verse, essays, etc. *Four semester hours credit.*

Prerequisite: English 7. Two hours, throughout the year. (Credit granted for one semester or both.)

Literature

B. INTRODUCTION TO LITERATURE

MESSRS. GEYER, LINDEMAN,

LOCHER, AND WOLFINGER, AND MMES. MCLENNAND AND TOWNSEND

An intensive study and analysis of the dominant literary types—the short story, the novel, poetry, and drama. Designed primarily for non-English majors wishing to fulfill the literature requirement..

Six semester hours credit.

Three hours, throughout the year.

1. ENGLISH LITERATURE

MESSRS. GEYER AND MASON

A survey of English literature from *Beowulf* to the end of the nineteenth century. Required sophomore course for English majors.

Three hours, throughout the year.

Six semester hours credit.

11. THE ENGLISH NOVEL

MR. PICKERING

Historical development of the English novel from Bunyan to the twentieth century.

Three hours, throughout the year.

Six semester hours credit.

12. CONTEMPORARY PROSE FICTION

MR. GEYER

An intensive study of selected British and American prose works of the twentieth century.

Three hours, second semester.

Three semester hours credit.

13a. ELIZABETHAN AND JACOBAN DRAMA

MR. WOLFINGER

A critical and historical survey of English drama—exclusive of Shakespeare—from *Ralph Roister Doister* to the closing of the theatres in 1642.

Three hours, first semester.

Three semester hours credit.

13b. RESTORATION AND EIGHTEENTH CENTURY DRAMA

MR. WOLFINGER

A critical examination of dramatic genres in England from 1660 through Sheridan.

Three hours, first semester.

Three semester hours credit.

Alternates with English 13a.

Not given 1958-1959.

14. MODERN DRAMA

MR. WOLFINGER

A study of Ibsen, post-Ibsen movements, and relevant plays.

Three hours, second semester.

Three semester hours credit.

15a. AMERICAN POETRY

MR. MASON

From Bryant to Lanier; emphasis on critical interpretation.

Three hours, first semester.

Three semester hours credit.

15b. AMERICAN PROSE

MR. MASON

Selections from the eighteenth and nineteenth centuries.

Three hours, second semester.

Three semester hours credit.

16. MODERN POETRY

MR. LINDEMAN

Major English and American poets of the present century.

Three hours, first semester.

Three semester hours credit.

18. THEORIES OF LITERATURE

MR. LINDEMAN

The various ways in which man has regarded literature: its sources, its forms, and its purposes.

Three hours, second semester.

Three semester hours credit.

21. THE SEVENTEENTH CENTURY MR. MASON
The poetry and prose of the period with special attention to Bacon, Jonson, Donne, and Dryden.
Three hours, second semester. *Three semester hours credit.*
22. THE EIGHTEENTH CENTURY MR. GEYER
The chief poets and prose writers of the neo-classical period.
Three hours, first semester. *Three semester hours credit.*
23. THE ROMANTIC PERIOD MR. GEYER
Wordsworth, Coleridge, Byron, Shelley, and Keats.
Three hours, first semester. *Three semester hours credit.*
24. THE VICTORIAN PERIOD MR. GEYER
The poetry and prose of the period with special attention to Tennyson, Browning, and Arnold.
Three hours, second semester. *Three semester hours credit.*
30. CHAUCER MR. PICKERING
The Canterbury Tales, Troilus and Criseyde, and several shorter poems.
Three hours, second semester. *Three semester hours credit.*
31. SHAKESPEARE MR. WOLFINGER
Eighteen plays and recent critical writing about Shakespeare.
Three hours throughout the year. *Six semester hours credit.*
32. MILTON MR. MASON
Milton's poetry and selected prose.
Three hours, first semester. *Three semester hours credit.*
34. INDEPENDENT STUDY STAFF
Open with consent of the Department to majors in their senior year. Supervised reading under the direction of individual members of the Staff.
Two hours, either semester. *Two semester hours credit.*

Speech

1. BASIC PUBLIC SPEAKING MR. BOLICH AND MR. JACKSON
Basic principles of public address: delivery, bodily action, voice; finding, arranging, and presenting ideas.
Two hours, either semester. *Two semester hours credit.*

2. ADVANCED PUBLIC SPEAKING MR. BOLICH AND MR. JACKSON
The adaptation of public address to various purposes: to inform, to entertain, to convince, to induce to action. *Two semester hours credit.*
Prerequisite: Speech 1. Two hours, second semester.
3. VOICE AND DICTION MR. BOLICH
Proper use of voice apparatus through drills and study in physical control, breathing, tone production, and resonance. Exercises in articulation, correct pronunciation, and expressiveness. *Two semester hours credit.*
Two hours, first semester.
4. ARGUMENTATION AND DISCUSSION MR. BOLICH
The principles of logical proof in oral discourse.
Two hours, second semester. *Two semester hours credit.*
5. ORAL INTERPRETATION MR. JACKSON
Study and practice in techniques of reading aloud from prose, poetry, and dramatic literature.
Two hours, first semester. *Two semester hours credit.*
6. RADIO SPEECH MR. BOLICH
Radio as a means of communication. The principles of radio speaking and script writing; problems of production. There will be some attention given to television. Field trips are included.
Two hours, second semester. *Two semester hours credit.*

Fine Arts

Associate Professor QUALLY, Professor KRAMER, and Instructor BARCLAY

1. HISTORY OF ART: PREHISTORIC TO 1800 MR. BARCLAY
The visual arts in relation to social, political and religious conditions of each period. A comparative appraisal of the art of different periods; and an aesthetic appreciation of works of art through use of color slides and other visual aids. *Two semester hours credit.*
Two hours, first semester.
2. HISTORY OF ART: 1800 TO CONTEMPORARY MR. BARCLAY
An historical background for the development and understanding of modern art, with major emphasis on painting. An examination of individual paintings through color slides and reproductions, pointing toward an understanding and enjoyment of contemporary art. *Two semester hours credit.*
Two hours, second semester.

3. ORIENTAL ART

MR. KRAMER

Chiefly Chinese, with some attention to Japanese, Indian, and Persian Art. History, traditions, and culture will form the background for studying material from museums and collections.

Two semester hours credit.

One hour, throughout the year.

4. ART APPRECIATION

MR. QUALLY AND MR. BARCLAY

An introductory course in the appreciation of the visual arts. An analysis of materials, and fundamentals of design. The styles of representation, their relationship, and their impact on modern art. Principles underlying and problems bearing on the visual arts. Emphasis on individual works through use of slide and opaque projections in order to stimulate enjoyment and understanding of contemporary art as well as past forms.

Two hours, either semester.

Two semester hours credit.

5. BEGINNING DRAWING AND PAINTING

MR. QUALLY

A basic studio course in free hand drawing and painting. Familiarity with different media such as line, oil color, casein, and water color. Drawing and painting from still life and live models.

Six semester hours credit.

Six studio hours weekly, throughout the year.

6. ADVANCED DRAWING AND PAINTING

MR. QUALLY

A continuation of Course 5 with special attention to pictorial design. Portrait and figure studies from live models. Landscape painting. Individual style of each student encouraged.

Six semester hours credit.

Prerequisite: Fine Arts 5. Six studio hours weekly, throughout the year.

7. BASIC DESIGN AND COMPOSITION

MR. QUALLY

An introductory course in design as a foundation for courses in drawing and painting. Basic color theory. Assigned class problems in line, black and white, and in color. Individual criticism.

Two semester hours credit.

Two hours, either semester.

8. GRAPHIC ARTS

MR. BARCLAY

An introductory studio course in lithography, wood engraving, wood block printing, and silk screen production.

Three semester hours credit.

Six studio hours, either semester.

French

(*See Romance Languages*)

German

*Professor SUNDERMEYER, Associate Professor AHRENS, Instructor COLLIER,
and Lecturer L. FORTENBAUGH*

Requirements for a major include Courses 2, 3, 6, 12, 13, or 14 and 15. The teaching minor consists of 18 semester hours and must include Courses 6, 12, and 13 or 14. Courses 14 and 15 count as six semester hours in the original provided they are taken together. Courses 2, 3, 4, 7, 10, 11, and 16 may be applied in fulfillment of the literature requirement.

German Language

A. ELEMENTARY GERMAN

STAFF

The essentials of grammar; reading of simple prose and poetry.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE GERMAN

STAFF

Review of grammar; reading of standard German. *Six semester hours credit.*

Prerequisite: German A. Three hours, throughout the year.

6. COMPARATIVE PHILOLOGY

MR. AHRENS

A general introduction to linguistic science. The first semester is devoted to the development from Indo-European to the Germanic languages, and the second semester to the development of the German language.

One hour, throughout the year.

Two semester hours credit.

12. COMPOSITION

MR. COLLIER

Practice in writing idiomatic German.

Two semester hours credit.

One hour, throughout the year.

13. CONVERSATION

MR. COLLIER

Practice in speaking German.

Four semester hours credit.

Two hours, throughout the year.

German Literature and Civilization

2. THE CLASSICAL FIELD

MR. SUNDERMEYER

Reading and interpretation of German Classical writers, including Lessing, Goethe, and Schiller. *Six semester hours credit.*

Prerequisite: German 1. Three hours, throughout the year.

3. THE 19TH CENTURY

MR. AHRENS

Reading and interpretation of German writings from Heinrich von Kleist to Gerhart Hauptmann. *Six semester hours credit.*

Prerequisite: German 1. Three hours, throughout the year.

4. LUTHER

MR. AHRENS

An advanced course devoted to the study of selections from Luther's German writings. *Two semester hours credit*

One hour, throughout the year.

7. GERMAN SCIENTIFIC PROSE

MR. AHRENS

Selections of literary merit from authors in the field of natural sciences.

Six semester hours credit.

Prerequisite: German 1. Three hours, throughout the year.

8. GERMAN SCIENTIFIC PROSE

MR. SUNDERMEYER

Readings adapted to individual needs of students majoring in any of the exact Sciences. *Two semester hours credit*

One hour, throughout the year.

10. GOETHE'S FAUST

MR. SUNDERMEYER

Goethe's *Faust*, I and II. *Six semester hours credit.*

Two hours and collateral reading, throughout the year.

11. CONTEMPORARY LITERATURE

MR. SUNDERMEYER

Selections from contemporary literature. *Six semester hours credit.*

Two hours and collateral reading, throughout the year.

14. ADVANCED GERMAN READINGS

MR. COLLIER

Readings selected to coordinate with German 15. Conducted in German.

Four semester hours credit.

Two hours, throughout the year.

15. HISTORY OF GERMAN CIVILIZATION

MR. SUNDERMEYER

Lecture course in English. Open to all students. Credit given in the Departments of German and History.

Two semester hours credit.

One hour, throughout the year.

16. SEMINAR IN GERMAN LITERATURE

MR. SUNDERMEYER

A reading course conducted in German.

Six semester hours credit.

Two hours and collateral reading, throughout the year.

Russian

A. ELEMENTARY RUSSIAN

MR. COLLIER

Principles of Russian pronunciation; essentials of grammatical structure; practice in composition, reading and translation; conversational material; relationships with other Indo-European languages.

Three hours, throughout the year.

Six semester hours credit.

Greek

Professor SHAFFER and Instructor HELD

Requirements for a major include 24 hours above the A course as approved by the adviser, and may include Philosophy 10, first semester. Courses 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, and 14 may be used in fulfillment of the literature requirement in a foreign language. Students planning to do graduate work in Greek should take college Latin courses.

A. ELEMENTARY GREEK

MR. SHAFFER

An elementary course for beginners.

Six semester hours credit.

Three hours, throughout the year.

B. INTERMEDIATE GREEK

MR. SHAFFER

Selections from Xenophon and Homer. Prose composition.

Six semester hours credit.

Prerequisite: Greek A. Three hours, throughout the year.

1. HERODOTUS

MR. SHAFFER

Reading of selections, with lectures and reports on literary and historical background.

Three semester hours credit.

Prerequisites: Greek A and B. Three hours, first semester.

2. GREEK TRAGEDY

MR. SHAFFER

Selected plays with lectures and reports on the literary, religious, and philosophical background. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, first semester.

Not given 1958-1959.

3. GREEK LITERATURE IN ENGLISH

MR. SHAFFER

Reading and study of selected masterpieces of Greek literature.

Knowledge of Greek not required.

Three semester hours credit.

Three hours, first semester.

4. GREEK HISTORY

MR. SHAFFER

A survey of Hellenic civilization from the earliest times to the Hellenistic age, with special emphasis on the sources. *Three semester hours credit.*

Knowledge of Greek not required.

Three hours, second semester.

5. GREEK MUSIC

MR. SHAFFER

Greek musical theory and practice.

Three semester hours credit.

Prerequisites: Greek A and B, and an elementary knowledge of music.

Three hours, first semester.*

6. NEW TESTAMENT

MR. HELD

Readings in Hellenistic Greek, with special attention to the language of the New Testament. *Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, second semester.

7. PLATO

MR. HELD

The *Apology* and *Crito*, with selections from other dialogues. A study of Socrates. *Three semester hours credit.*

Prerequisites: Greek A and B. (May be taken simultaneously with Greek B.)

Three hours, first semester.

8. HOMER

MR. HELD

The *Iliad* or the *Odyssey*, with lectures and reports on literary and cultural backgrounds. *Three semester hours credit.*

Prerequisites: Greek A and B. Three hours, first semester.

*To be given if needed.

9. GREEK LYRIC POETRY AND PROSE COMPOSITION MR. SHAFFER
 A survey of Greek poetic literature and a review of syntax.
Three semester hours credit.
 Prerequisites: Greek A and B. Three hours, second semester.
10. GREEK ORATORY MR. HELD
 Selected orations in Greek and the *Rhetoric* of Aristotle in English.
Three semester hours credit.
 Prerequisites: Greek A and B. Three hours, second semester.*
 Not given 1958-1959.
11. THE ANCIENT HISTORY OF THE NEAR EAST MR. SHAFFER
 Survey of the ancient civilizations of southwestern Asia and of Egypt.
 Knowledge of Greek not required. *Three semester hours credit.*
 Three hours, first semester.*
12. GREEK COMEDY MR. SHAFFER
 Selected plays in Greek and collateral readings in English. Lectures and reports on historical and literary backgrounds. *Three semester hours credit.*
 Prerequisites: Greek A and B. Three hours, second semester.*
 Not given 1958-1959.
13. READINGS IN GREEK PHILOSOPHY MR. SHAFFER
 Selected texts illustrating the history of Greek philosophy will be read in the original and discussed. The course will be integrated as far as possible with Philosophy 10.
One semester hour credit.
 One hour, first semester.*
14. READING COURSE IN GREEK OLD TESTAMENT
 Reading of selections, with special attention to the grammar and syntax of Hellenistic Greek. Lectures on historical background.
Three semester hours credit.
 Prerequisite: Greek 6.
 Three hours, either semester.

Health and Physical Education

Professors BREAM and BARTHOLOMEW, *Assistant Professors* HAAS, HULTON, HUMMEL, KENNEY, and SHOEMAKER, and *Instructors* CARPENTER, KELLY, and RIDINGER

The department offers a complete teacher training program, approved by the Pennsylvania State Council of Education, and open to both men and women. The

*To be given if needed.

department offers curricula leading to both the degree of Bachelor of Arts and the degree of Bachelor of Science, with a major in Health and Physical Education. Students enrolled in either of the above curricula must take all the courses listed in that curriculum, plus such other courses as may be required by the department.

Methods and Activities

1. METHODS AND ACTIVITIES

STAFF

Participation in a variety of individual and team activities with emphasis upon the acquisition of skills.

Activities for men: tennis, soccer, volleyball, basketball, swimming, track and field, and golf.

*Activities for women.

Four semester hours credit.

Two hours, throughout the year.

2. METHODS AND ACTIVITIES

STAFF

An individual program of activities participation, based upon ability and progress.

Activities for men: tennis, football, wrestling, apparatus, tumbling, dancing, speedball, and golf.

*Activities for women.

Four semester hours credit.

Two hours, throughout the year.

3. METHODS AND ACTIVITIES

STAFF

Methods and techniques of class organization and instruction in a variety of physical education activities.

Four semester hours credit.

Two two-hour periods, throughout the year.

4. METHODS AND ACTIVITIES

STAFF

Methods and techniques of class organization and instruction in a variety of physical education activities. Continuation of Course 3.

Two two-hour periods, throughout the year.

Four semester hours credit.

5. AQUATICS

MR. HUMMEL

Teaching methods and techniques in basic strokes, diving, life-saving, and water safety.

Two semester hours credit.

Three hours, either semester.

*Women students have an optional-required program, based on a quarter system. Elective activities and required courses for eight (8) credits will satisfy college requirements. All women students must pass the swimming course before graduation.

Physical Education

6. INTRODUCTION TO PHYSICAL EDUCATION

MISS KENNEY

A general survey of the field, with special emphasis upon developing an understanding and appreciation of the importance, need, and purpose of health and physical education. *Two semester hours credit.*

Two hours first semester.

13. PRINCIPLES AND CURRICULUM PLANNING

MR. BARTHOLOMEW

An evaluation of principles and their application in planning a modern physical education program. *Two semester hours credit.*

Two hours, second semester.

16. COACHING AND OFFICIATING

MR. HAAS

Theory and practice in the fields of coaching and officiating.

Two hours, throughout the year.

Four semester hours credit.

17. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION

MR. HAAS

Legal and administrative problems, personnel relations, social interpretation, budget and finance, plant and office management.

Four semester hours credit.

Senior course. Two hours, throughout the year.

18. ADMINISTRATION OF RECREATION AND CAMPING.

MISS KENNEY

The theory of, and need for, play, personnel qualifications, and administration.

Two hours, second semester.

Two semester hours credit.

19. PHYSICAL EDUCATION FOR THE HANDICAPPED

MISS KENNEY

Misconceptions, causes of handicaps, specific handicaps, the remedial program, the orthopedic examination, and administration. *Two semester hours credit.*

Prerequisite: Health Education 14.

Two hours, first semester.

20. AN INTRODUCTION TO RESEARCH IN HEALTH AND PHYSICAL EDUCATION

MR. BARTHOLOMEW

Fundamental techniques in research. A survey of research completed and needed. Includes a practicum. *Two semester hours credit.*

Two hours, second semester.

21. CARE AND PREVENTION OF INJURIES

MR. BARTHOLOMEW

The official Beginners' Red Cross First Aid course, with emphasis on the practical aspects of symptom recognition and safety.

Two hours, first semester.

One semester hour credit.

22. TESTS AND MEASUREMENTS IN HEALTH AND PHYSICAL EDUCATION

MR. BARTHOLOMEW

Written and practical tests in the fields of health and physical education.

Two hours, second semester.

Two semester hours credit.

Health Education

10. PERSONAL HYGIENE

MISS KENNEY

Practical aspects of the everyday life of the individual in respect to personal hygiene. Special emphasis is placed upon the acquisition of desirable attitudes toward personal health.

Three semester hours credit.

Three hours, first semester.

11. COMMUNITY HEALTH

MISS KENNEY

The role of official and non-official community organizations in the health of the individual, from the viewpoint of administration and service. As a practical approach, conditions in the home, school, and community at large will be analyzed.

Three semester hours credit.

Three hours, second semester.

12. SCHOOL HEALTH PROBLEMS

MR. BARTHOLOMEW

The recognition and possible solution of typical problems.

Three hours, first semester.

Three semester hours credit.

14. ANATOMY, PHYSIOLOGY AND KINESIOLOGY

MR. BARTHOLOMEW

A combination theoretical and practical study of human structure and function. Analysis of the effects of health and physical education activities on the body.

Six semester hours credit.

Three hours, throughout the year.

History

*Professor FORTENBAUGH, Associate Professors BLOOM and CRAPSTER,
Assistant Professor GLATFELTER, and Instructor ALEXANDER*

Requirements for a major include Courses 1, 20, and 21. All majors and minors are required to take History 1 as their first course. Courses 1, 3a, 3b, and 6, are

open to Sophomores; all other courses are upper-class courses. English majors and pre-law students are advised to take History 2.

1. HISTORY OF WESTERN CIVILIZATION

MR. ALEXANDER

A survey from pre-literary times to the present, describing the growth of social institutions.

Six semester hours credit.

Three hours, throughout the year.

2. HISTORY OF ENGLAND

MR. CRAPSTER

A survey from Roman times to the present, emphasizing institutional and cultural developments.

Six semester hours credit.

Three hours, throughout the year.

3a. HISTORY OF THE UNITED STATES TO 1865

MESSRS. BLOOM, FORTENBAUGH, AND GLATFELTER

History 3a and 3b give a survey from the discovery and early explorations to the present. These courses will, with History 9, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6.

Three hours, first semester.

Three semester hours credit.

3b. HISTORY OF THE UNITED STATES SINCE 1865

MESSRS. BLOOM, FORTENBAUGH, AND GLATFELTER

Three hours, second semester.

Three semester hours credit.

4. THE UNITED STATES, 1889-1939

MR. FORTENBAUGH

An intensive study of this important forty-year period with emphasis upon economic and social development.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, first semester.

5. AMERICAN ECONOMIC HISTORY

MR. BLOOM AND MR. GLATFELTER

Economic life and forces throughout the history of the United States.

Three hours, either semester.

Three semester hours credit.

6. HISTORY OF THE UNITED STATES AND OF PENNSYLVANIA

MR. BLOOM AND MR. GLATFELTER

A course for *non-history* majors which will meet the requirements for certification to teach in the public schools of Pennsylvania.

Three hours, throughout the year.

Six semester hours credit.

7. AMERICAN CONSTITUTIONAL HISTORY

MR. BLOOM

Origins and development of the Constitution of the United States, considering its political theories, judicial interpretation, and institutional forms.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, first semester.

9. HISTORY OF PENNSYLVANIA

MR. FORTENBAUGH AND MR. GLATFELTER

The Commonwealth from colonial days to the present. This course will, with History 3, meet the requirements for certification to teach in the public schools of Pennsylvania. See also History 6. *Two semester hours credit.*

Two hours, either semester.

10. EUROPE FROM THE RENAISSANCE TO 1763

MR. CRAPSTER

A survey of European history in the early modern period in its world setting—the Renaissance, the Reformation, the growth of national states, and the Enlightenment. *Three semester hours credit.*

Prerequisite: History 1. Three hours, first semester.

11. EUROPE IN THE FRENCH REVOLUTIONARY AND NAPOLEONIC ERAS

MR. CRAPSTER

A survey of Europe from 1763 to 1789, followed by an intensive study of the political, social, economic, and intellectual developments taking place in Europe from 1789 to 1815. *Three semester hours credit.*

Prerequisite: History 1. Three hours, second semester.

12. EUROPE FROM 1815 TO 1919

MR. CRAPSTER

A survey of European history in its world setting from the Congress of Vienna to the end of the First World War. *Three semester hours credit.*

Three hours, first semester.

13. EUROPE SINCE 1919

MR. CRAPSTER

A survey of recent European history in its world setting.

Three hours, second semester.

Three semester hours credit.

14. HISTORY OF RUSSIA

MR. ALEXANDER

A survey of Russian history, emphasizing the period from 1682 to 1939.

Six semester hours credit.

Prerequisite: History 1. Three hours, throughout the year.

18. CIVIL WAR AND RECONSTRUCTION

MR. BLOOM

The sectional conflict in American history from the War with Mexico in 1846 to the end of Reconstruction 1877. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, first semester.

19. THE AMERICAN COLONIAL PERIOD

MR. FORTENBAUGH

An intensive study of the colonial period before 1763 with emphasis upon economic, social, and religious development. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, second semester.

20. HISTORICAL METHOD

MR. FORTENBAUGH

For Junior or Senior majors and other qualified students who expect to teach history. *Three semester hours credit.*

Three hours, first semester.

21. UNDERGRADUATE SEMINAR

MESSRS. BLOOM, CRAPSTER, AND GLATFELTER

Practice in the criticism and use of historical sources. For Junior or Senior majors. *Two semester hours credit.*

Prerequisite: History 20. Two hours, to be arranged, second semester.

22. THE UNITED STATES SINCE 1939

MR. BLOOM

History 4 with major emphasis upon recent domestic developments in the United States. *Three semester hours credit.*

Prerequisite: History 3 or 6. Three hours, second semester.

23. DIPLOMATIC HISTORY OF THE UNITED STATES

MR. GLATFELTER

A survey of American foreign policy and its effects since 1776.

Three semester hours credit.

Prerequisite: History 3 or 6. Three hours, second semester.

GERMAN HISTORY

See German 15.

GREEK HISTORY

See Greek 4.

ROMAN HISTORY

See Latin 11.

FRENCH HISTORY

See French 21.

Latin

Professor GLENN and Instructor HELD

Requirements for a major include Courses 1, 2, 3, 4, 10, 11, 13, and two courses from 5, 6, 7, and 8. Course B-C may be used to meet the foreign language requirement above the "A" course or for the second language requirement. Courses 1, 2, 3, 4, 6, 7, and 8 may be applied in fulfillment of foreign language above the "A" course, the literature, or second language requirement. Students planning to do graduate work in Latin should take college Greek courses.

B-C. VERGIL

MR. GLENN AND MR. HELD

Selections from the *Aeneid*.

Six semester hours credit.

Prerequisites: Two years of secondary school Latin. Three hours, throughout the year.

1. ROMAN PROSE AND POETRY

MR. GLENN

Selections from Livy, Catullus, and other authors.

Three semester hours credit.

Prerequisites: Four years of secondary school Latin, or Latin B-C. Three hours, first semester.

2. HORACE

MR. GLENN

Selections from the *Odes*, *Epodes*, *Satires*.

Three semester hours credit.

Three hours, second semester.

3. CICERO'S LETTERS

MR. HELD

Life and literature in Cicero's time.

Three semester hours credit.

Three hours, first semester.

Latin 23 may be substituted for Latin 3.

4. ROMAN COMEDY

MR. HELD

Selections from Plautus and Terence. Survey of the Roman Theatre; origin and development of Roman drama.

Three semester hours credit.

Three hours, second semester.

5. ROMAN LAW

MR. GLENN

Development and content of Roman Private Law. A knowledge of Latin is not required.

Three semester hours credit.

Alternates with Course 7. Two hours, first semester.

6. ROMAN PHILOSOPHY

MR. GLENN

Lucretius, *On the Nature of Things*.*Two semester hours credit.*

Alternates with Course 8. Two hours, second semester.

7. MEDIEVAL LATIN

MR. GLENN

Selections representing history, anecdote, the epistle, the drama, the essay, the dialogue, the novel, and epic lyric, pastoral, didactic, and satiric verse, and introducing the literature written in the universal language of the ecclesiastical and learned European world, ranging from the fifth century to the seventeenth century.

Two semester hours credit.

Alternates with Course 5. Two hours, first semester.

Not given 1958-1959.

8. ROMAN ELEGY

MR. GLENN

Selections from Catullus, Tibullus, Propertius, and Ovid. Seminar methods, with practice in original research.

Two semester hours credit.

Alternates with Course 6. Two hours, second semester.

Not given 1958-1959.

10. LATIN LITERATURE IN ENGLISH

MR. HELD

A historical and critical survey of Roman Literature with a more intensive study of selected works. Attention is given to the relation of Roman Literature to other literatures. A knowledge of Latin is not required.

Three hours, second semester.

Three semester hours credit.

11. ROMAN HISTORY AND CIVILIZATION

MR. HELD

The history of the Republic and the Empire, supplemented by a brief study of various topics, such as Roman art, science, religion, political institutions, private life, etc., and their influence on modern life. A knowledge of Latin is not required.

Three semester hours credit.

Three hours, first semester.

13. LATIN PROSE COMPOSITION

MR. GLENN

One hour, throughout the year.

Two semester hours credit.

15. WORD-BUILDING

MR. GLENN

A course designed to aid pre-medical students and those of other sciences who desire to become familiar with scientific terminology and roots. A study is made of repeatedly used prefixes, endings, and key words from which scientific terms are compounded. The knowledge of Latin, while very useful, is not required of those who take the course.

Two semester hours credit.

One hour, throughout the year.

23. ST. AUGUSTINE

MR. HELD

Selections from the first nine books of *The Confessions*. An introduction to the life and thought of the greatest of the Latin Fathers.

Three semester hours credit.

Three hours, first semester. This course may be substituted for Latin 3.

Mathematics

Professor ARMS, Associate Professor ZIEGLER, Assistant Professor MOORHEAD, and Lecturer BUTTERFIELD

Requirements for a major include Mathematics 6, and six semester hours chosen from Courses 7, 8, 9, 10, and 14. With adviser's approval Mathematics 21, Mathematics 23, and Mathematics 25 may be used as part of the course requirements for a major in Economics.

1a. COLLEGE ALGEBRA MESSRS. BUTTERFIELD, MOORHEAD, AND ZIEGLER

A review of elementary algebra, the elementary theory of equations, complex numbers, the binomial theorem.

Three semester hours credit.

Prerequisite: one unit of algebra. Three hours, first semester.

1b. PLANE TRIGONOMETRY MESSRS. BUTTERFIELD, MOORHEAD, AND ZIEGLER

Definitions and properties of the trigonometric functions; solutions of triangles.

Three semester hours credit.

Three hours, second semester.

B. INTRODUCTORY COLLEGE MATHEMATICS

An introduction to the fundamental concepts of Mathematics and the nature of Mathematics itself. Emphasis is placed upon principles and ideas rather than techniques.

Six semester hours credit.

Three hours, throughout the year.

Prerequisites: one unit of algebra and one unit of geometry.

2. ELEMENTARY ANALYSIS

MESSRS. MOORHEAD AND ZIEGLER

A review of advanced algebra, trigonometry, plane analytical geometry, and introduction to calculus.

Six semester hours credit.

Prerequisite: three units in mathematics including trigonometry. Three hours, throughout the year.

4. ANALYTICAL GEOMETRY AND CALCULUS

MR. ARMS

The essentials of analytical geometry, differential and integral calculus. For Freshmen majoring in Mathematics or Physical Science or for Sophomores who have superior grades in Mathematics 1. This course is equivalent to Mathematics 2 and Mathematics 6.

Ten semester hours credit

Five hours, throughout the year.

5. ANALYTICAL GEOMETRY

MR. ZIEGLER

Plane and solid analytical geometry, and an introduction to calculus.

Six semester hours credit.

Prerequisites: Mathematics 1a and 1b, or the equivalent. Three hours, throughout the year.

6. DIFFERENTIAL AND INTEGRAL CALCULUS

MR. ARMS

The fundamental formulae of differentiation and integration, with applications.

Six semester hours credit.

Prerequisite: Mathematics 2 or 5. Three hours, throughout the year.

7. MODERN ALGEBRA

MR. ARMS

Prerequisite: Mathematics 2 or 5.

7A. MATRICES AND VECTOR SPACE

An introduction to linear algebra, matrices and quadratic forms. For the student of modern physics and allied subjects.

Four semester hours credit.

Two hours, throughout the year.

7B. PROBABILITY AND LINEAR PROGRAMMING

An introduction to the use of probability in modern mathematics in the theory of games and human behavior.

Four semester hours credit.

Two hours, throughout the year.

7C. THEORY OF EQUATIONS

General theory of the solution of equations with an introduction to the theory of finite groups.

Four semester hours credit.

Two hours, throughout the year.

8. MODERN GEOMETRY

MR. MOORHEAD

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser:

8A. COLLEGE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

8B. ANALYTICAL GEOMETRY OF SPACE

Two hours, throughout the year.

Four semester hours credit.

8C. PROJECTIVE GEOMETRY (SYNTHETIC)

Two hours, throughout the year.

Four semester hours credit.

9. MODERN ANALYSIS

MR. ARMS

Prerequisite: Mathematics 6. Qualified students may register for one or more of the following with the approval of the Mathematics Adviser.

9A. DIFFERENTIAL EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9B. HIGHER CALCULUS AND THEORY OF EQUATIONS

Two hours, throughout the year.

Four semester hours credit.

9C. THEORY OF FUNCTIONS OF A COMPLEX VARIABLE

Two hours, throughout the year.

Four semester hours credit.

10. METHODS OF TEACHING

MR. ZIEGLER

Methods of teaching high school mathematics supplemented with practice teaching and observation.

Four semester hours credit.

Three periods, throughout the year.

14. READING COURSE

MR. MOORHEAD

Supervised reading in pure and applied mathematics for Junior and Senior majors. Conference hours and semester hours credit as arranged.

21. MATHEMATICS OF INVESTMENT

MR. ZIEGLER

Compound interest as applied to annuities, life insurance, and depreciation.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, first semester.

23. STATISTICS

MR. ZIEGLER

A first course: mean, mode, median, correlation and index numbers.

Three semester hours credit.

Prerequisite: Mathematics 1a. Three hours, second semester.

25. COSTS AND DEPRECIATION

MR. ARMS

An introduction to cost accounting.

Six semester hours credit.

Prerequisite: Economics 4. Three hours, throughout the year.

Music

*Professors WAGNILD and SHAFFER, Assistant Professors ACKLEY and DANFELT,
Instructor KADEL and Private Music Teachers BUDDÉ,
SPRINGER, and HEIKKINEN*

The degree of Bachelor of Science in Music Education will be awarded to those who wish to complete requirements for teaching or supervising music in the elementary and secondary schools. For further information see pages 51-52.

Requirements for a major in music leading to a Bachelor of Arts degree comprise a minimum of 24 hours, including Music 6, 7, 8, 12 and other courses upon the advice of the head of the department.

Requirements in applied music are as follows: (1) 2 years' participation in an authorized group organization, and 2 years of private instruction in voice, piano, organ or instrument authorized by the department.* (2) Presentation of a recital in the Junior or Senior Year.**

A musical aptitude test will be required of the student before he is accepted as a Music Major.

Individual instruction in voice, piano, and organ under the supervision of the department is offered by appointment.

1. APPRECIATION OF MUSIC

MR. SHAFFER AND MR. DANFELT

The principal musical forms against the background of the other arts.

Two hours, either semester.

Two semester hours credit.

2. APPRECIATION OF MUSIC DRAMA

MR. SHAFFER

A review of the history of opera and analyses of examples as drama and as music.

Two semester hours credit.

Two hours, second semester.

*A thesis or additional private study may be substituted for group participation at the discretion of the Department.

**In special cases a standard proficiency test may be submitted for a recital.

3. APPRECIATION OF THE SYMPHONY MR. SHAFFER AND MR. DANFELT
Historical backgrounds and analyses of symphonic forms.
Two hours, first semester. *Two semester hours credit.*
6. HISTORY OF MUSIC MR. ACKLEY
A survey of the development of musical art from ancient to modern times.
Three hours, throughout the year. *Six semester hours credit.*
- 7a. HARMONY MR. WAGNILD
Scale and chord structure, chord relationship, non-chordal tones, and analyses.
Three hours, first semester. *Three semester hours credit.*
- 7b. HARMONY MR. WAGNILD
Diatonic chords with various bytones, harmonization or original melodies, simple modulation. Aural approach to harmonic effects.
Three hours, second semester. *Three semester hours credit.*
- 8a. ADVANCED HARMONY MR. WAGNILD
Chromatic harmony, modulation, creative work, analyses.
Three hours, first semester. *Three semester hours credit.*
- 8b. ADVANCED HARMONY MR. WAGNILD
Continuation of 8a. Special emphasis on modulation and use of chromatic alterations of diatonic chords in harmonizing melodies. Creative work.
Three hours, second semester. *Three semester hours credit.*
- 9a. KEYBOARD HARMONY MR. WAGNILD
Harmonic material applicable to the piano. Chord successions using all the diatonic harmonies, their inversions, and the simpler altered chords and modulations. *Two semester hours credit.*
Prerequisites: Harmony 7a and 7b. Two hours, first semester.
Not given 1958-1959.
- 9b. KEYBOARD HARMONY MR. WAGNILD
Continuation of 9a. Practical application of chromatic harmony and modulation. Creative work. *Two semester hours credit.*
Two hours, second semester.
Not given 1958-1959.

10a, b. SIGHT-SINGING AND DICTATION

MISS KADEL

The singing and writing of diatonic intervals, triads, rhythmic patterns and melodies.

Four semester hours credit.

Three hours, throughout the year.

11a. ADVANCED SIGHT-SINGING AND DICTATION

MISS KADEL

The development of musical memory and the writing and singing of difficult rhythmic patterns, intervals, and melodic phrases; aural and visual analysis of harmonic structures.

Two semester hours credit.

Two hours, one semester.

12. MUSICAL FORM AND ANALYSIS

MR. ACKLEY

Motive, phrase, period, and analysis of the construction of these, along with binary and ternary forms of composition, the invention, fugue, sonata and symphony.

Four semester hours credit.

Prerequisites: Music 7a, 7b.

Two hours, throughout the year.

13. ORCHESTRATION

MR. DANFELT

Transposing and arranging music for various instrumental groups.
Creative work.

Two hours, one semester.

Two semester hours credit.

14. CHORAL CONDUCTING

MR. WAGNILD

Technique of the baton, fundamentals of choral interpretation, problems of organization and maintenance of groups, survey of suitable materials in the choral field, and program building.

Four semester hours credit.

Two hours, throughout the year.

16. INSTRUMENTAL CONDUCTING

MR. DANFELT

Practical training in instrumental score reading and conducting.

Two hours, first semester.

Two semester hours credit.

18. ELEMENTARY METHODS

MISS KADEL

Materials and methods of teaching in the elementary grades. Psychology of presenting these materials to children. Study of the child voice and the development of good tone, rhythm, and a feeling for music. Music appreciation and classroom procedure.

Three semester hours credit.

Three hours, first semester.

19. INTERMEDIATE METHODS

MISS KADEL

Methods and materials used in the intermediate grades. Evaluation of materials and procedures. Study of choral group organization and training. Music appreciation and classroom procedure. *Two semester hours credit.*

Two hours, second semester.

20. HIGH SCHOOL METHODS

MISS KADEL

The principles and procedures in teaching music in the junior and senior high schools. Emphasis on the study of the adolescent voice and its care, and on the methods and materials relative to the organization of various singing and playing ensembles. Evaluation of material, methods, and techniques.

Two hours, first semester.

Two semester hours credit.

21. WOODWIND INSTRUMENT CLASS

MR. DANFELT

The technique and tone control of woodwind instruments, using clarinet as basic instrument. *Two semester hours credit.*

Two hours, throughout the year.

22. BRASS INSTRUMENT AND PERCUSSION CLASS

MR. DANFELT

Instruction in the technique and principles of tone control in the brasses with trumpet or cornet as the basic instrument, and a practical study of all percussion instruments used in band and orchestra.

Two hours, throughout the year.

Two semester hours credit.

23. STRINGED INSTRUMENT CLASS

MR. DANFELT

A laboratory course for beginners in the organization and techniques of stringed instruments instruction. *Two semester hours credit.*

Two hours, throughout the year.

25. STUDENT TEACHING

Student observation and teaching in cooperation with and under the supervision of experienced teachers. Discussions and individual conferences.

One semester.

Twelve semester hours credit.

Applied Music

The Music Department offers instruction in voice, piano, pipe organ, and the more common instruments. One semester hour credit is given for one half-hour private lesson per week.

The department also sponsors various musical organizations, including the choir, band and orchestra. All regular students are eligible to try out for any of these.

Auditions are held at the beginning of the school year, or at other times by appointment.

One semester hour credit is given per semester for membership in the choir or band upon the student's completion of four hours of course instruction in the Music Department exclusive of Music 1, 2, and 3.

No student may offer more than eight semester hours of applied music towards a Bachelor of Arts degree.

31. VOICE

Semester fee \$30

Training in fundamentals of voice culture with emphasis upon breath control, resonance, tone quality, diction, pronunciation, and an appreciation of the best works of the masters.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

33. PIANO

Semester fee \$30

Development of touch, technique, rhythm, expression and interpretation.

Repertoire adapted to ability of the student.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

Forty minute lesson per week.

Semester fee \$40

35. PIPE ORGAN

Semester fee \$45

Acquisition of technique and independence in playing upon the manuals and pedals. Repertoire adapted to ability of the student.

Prerequisite: Satisfactory piano technique.

One semester hour credit.

One full hour lesson per week. Either or both semesters.

37. INSTRUMENTAL INSTRUCTION

Semester fee \$30

Available in most common instruments. Repertoire adapted to ability of the student.

One semester hour credit.

One half hour lesson per week. Either or both semesters.

50. CHOIR

The choir is composed of approximately sixty singers of both sexes chosen by audition. The best of choral literature is studied intensively. In addition to appearances in nearby cities, a ten-day concert tour is taken each spring.

Five rehearsals weekly.

One semester hour credit.

55. BAND

Membership in the band, which is open to men and women alike, depends entirely on the individual's musical ability and interest. The band plays at athletic events, and during the second semester gives concerts on the campus and in nearby cities.

One semester hour credit.

Three rehearsals weekly.

Philosophy

Professor RICHARDSON and Associate Professor SCHUBART

The courses in philosophy offer a study of the questions men have asked and the answers they have discovered for the major problems they have faced. An emphasis is placed on the methods of inquiry and on the relation of philosophy to the natural sciences, the social studies, and the humanities.

Course 1a or 3 is prerequisite for all others, unless permission is obtained from the department. Requirements for a major are 27 hours as chosen in consultation with the department. Bible 8 and 13, and Greek 7 and 13 may be included with permission of the department. Course 1, 3 or 4 may be used to fulfill the college distribution requirement.

1. INTRODUCTION TO PHILOSOPHY

MR. RICHARDSON

1a. APPROACHES TO PHILOSOPHY

The main approaches to philosophy: scientific, aesthetic, ethical, and religious. Their assumptions, methods, and results will be analyzed with a view to giving the student both the tools and the motive for building his own philosophy of life.

Three semester hours credit.

Three hours, first semester.

1b. CONTEMPORARY WORLD PHILOSOPHIES

An attempt to familiarize the non-specializing student with the major philosophies which are bidding for his allegiance today. Such men as Marx, Kierkegaard, Nietzsche, Sartre, Hutchins, Maritain, A. Huxley, Santayana, Dewey, Russell, Bergson, and Whitehead will be studied.

Three semester hours credit.

Prerequisite: Philosophy 1a. Three hours, second semester.

3. LOGIC

MR. SCHUBART

3a. The principles of clarity in language and structure in thought, and their application.

Three semester hours credit.

Three hours, first semester.

3b. The principles involved in attaining reliable knowledge of any subject matter, with emphasis on the humanities and social sciences.

Three hours, second semester.

Three semester hours credit.

4a. HISTORY OF ETHICS

MR. SCHUBART

The most significant philosophies of ethics from the Greeks to the present.

Three hours, first semester.

Three semester hours credit.

4b. PRINCIPLES OF ETHICS

MR. SCHUBART

An analysis of the principles of ethics, such as value, obligation, and law, and their application to individual and social problems.

Three hours, second semester.

Three semester hours credit.

8. POLITICAL IDEALS IN CONFLICT

MR. SCHUBART

Contemporary political philosophies, their basic principles, and their points of difference. Special attention will be given to the problems confronting democracy.

Three semester hours credit.

Three hours, first semester.

Not given 1957-1958.

10. HISTORY OF PHILOSOPHY

MR. RICHARDSON

The development of thought concerning man and his place in the universe from the Greeks to the eighteenth century.

Six semester hours credit.

Three hours, throughout the year.

12. PHILOSOPHY OF RELIGION

MR. RICHARDSON

An historical and systematic study of our present religious beliefs.

Three hours, first semester.

Three semester hours credit.

17. SEMINAR IN MODERN PHILOSOPHY

MR. SCHUBART

A study of the "climates of opinion" of the eighteenth, nineteenth, and twentieth centuries and the most important philosophies developed during these centuries. Each student has the opportunity to make a thorough study of one philosophy or philosopher.

Three semester hours credit.

Three hours, second semester.

18. THE PHILOSOPHY OF SCIENCE

A historical survey of the world-pictures which have been offered by Greek, Renaissance, and contemporary science; and an analysis of the relations between science and ethical, aesthetic, and religious values.

Three semester hours credit.

No prerequisite. Three hours, second semester. Alternates with course 19.

Not given 1957-1958.

19. PHILOSOPHY OF HISTORY

The religious background of the concept of history as developed in the western world: the apocalyptic image of history; millennial ideas and their secularized

derivatives in modern utopias; the "City of God"; the Protestant return to apocalyptic literature; the concepts of progress and world revolution.

Two semester hours credit.

Two hours, second semester. Alternates with course 18.

Not given 1957-1958.

20. SENIOR SEMINAR

MR. RICHARDSON

An advanced seminar for philosophy majors, in which one contemporary problem will be studied, and solutions suggested from the varying points of view of major philosophical thinkers.

Three semester hours credit.

Three hours, second semester.

Physics

Professor LONG, Associate Professor MARA, Assistant Professor DANIELS, Instructor WEANER, Lecturer CORBIN, and ASSISTANTS

The Department of Physics offers courses of study to impart to the student an increasing curiosity concerning the physical world in which he finds himself, to have the student learn some of the unifying principles of physics and their historical development, to introduce methods of objective thinking and precise measurement, and to provide fundamental training for students planning to do advanced work in graduate physics and engineering curricula.

Requirements for a major include a minimum of 32 semester hours. All majors are required to take Physics 5 and 8, Chemistry 1, Mathematics 2, 6, and 9A and other courses in Physics according to their needs and interests and upon the advice of the head of the department.

1. GENERAL PHYSICS

MESSRS. DANIELS, MARA, WEANER, AND ASSISTANTS

Introduction to the basic principles and phenomena of mechanics, heat, sound, electricity and magnetism, light, and modern physics. This course is designed to satisfy the needs of students not majoring in science.

Eight semester hours credit.

Prerequisite: College Entrance Algebra. One demonstration lecture, two recitations, and three laboratory hours, throughout the year.

102. GENERAL PHYSICS

MESSRS. LONG, MARA, AND WEANER

Introduction to the fundamental laws of mechanics, heat, sound, electricity and magnetism, and light. Emphasis is placed on mathematical analysis and on applications through problems. For students majoring in sciences. Required of all 3-2 pre-engineering students.

Eight semester hours credit.

Prerequisites: Mathematics 2 or 5 (may be taken concurrently). Three class hours, and three laboratory hours, throughout the year.

3. INTERMEDIATE PHYSICS AND LABORATORY MEASUREMENTS

MR. LONG

Introduction to the study of classical and modern physics through the use of elementary calculus. Emphasis is placed on integration of theory with experimental technique.

Six semester hours credit.

Prerequisite: Physics 1 or 102 and Mathematics 6 (the latter may be taken concurrently). Two class hours and three laboratory hours, throughout the year.

4. ENGINEERING MECHANICS

MR. WEANER

The fundamental principles of statics and dynamics with emphasis on analysis and problem-solving operations. Required of all 3-2 pre-engineering students.

Six semester hours credit.

Prerequisites: Physics 102 and Mathematics 6. Three hours, throughout the year.

5a, b. ELECTRICITY, MAGNETISM, AND OPTICS

MR. LONG

Fundamental laws of electric and magnetic fields, with the elementary applications of these laws to circuits, to a study of the electrical and magnetic properties of matter, and to the field of optics.

Six semester hours credit.

Prerequisites: Physics 102 or 3 and Mathematics 6. Credit will be given for 5a by itself; however, 5a is prerequisite to 5b. Three class hours, throughout the year.

6a, b. INTRODUCTORY ELECTRONICS

MR. DANIELS

Direct and alternating current circuit analysis, principles of operation of electron tubes and electron tube circuits, and their application in research.

Eight semester hours credit.

Prerequisite: Physics 3 and Mathematics 6 (both may be taken concurrently with Physics 6). Credit will be given for 6a by itself; however, 6a is prerequisite to 6b. Three class hours and three laboratory hours, throughout the year.

7a, b. MODERN PHYSICS

MR. MARA

First semester: Development of atomic models, Bohr atom, Schrödinger equation, emission spectra, X-ray spectra, uncertainty principle, composition of periodic table. Second semester: Theory of elementary particles, nuclear structure, spontaneous and induced decay, nuclear reaction, detectors and accelerators.

Six semester hours credit.

Prerequisite: Physics 102 or 3, and Mathematics 6. Credit will be given for 7a by itself; however, 7a is prerequisite to 7b. Three class hours, throughout the year.

8. THEORETICAL MECHANICS

MR. MARA

A mathematical approach to the dynamics of particles and rigid bodies; vibration motion and waves, scalar and vector fields, boundary value problems. The methods of vector calculus, Fourier series, special functions, etc., are emphasized.

Six semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 9A or 9B (may be taken concurrently). Three class hours, throughout the year.

10. PROBLEMS IN PHYSICS

STAFF

Individual problems in experimental or theoretical physics leading to a research paper. Offered to Junior or Senior majors who have the approval of the department for this course.

Semester hours credit as arranged.

Hours and credit as arranged.

12. DESCRIPTIVE ASTRONOMY

MR. DANIELS

General and descriptive astronomy.

Two semester hours credit.

No prerequisite. Two class hours, first semester.

13. HEAT AND THERMODYNAMICS

MR. MARA

Introduction to the concepts of heat and temperature, and of elementary thermodynamics and of kinetic theory. Applications to problems in heat and thermodynamics.

Three semester hours credit.

Prerequisites: Physics 102 or 3, and Mathematics 6. Three class hours, second semester.

21. DESCRIPTIVE GEOMETRY

MR. CORBIN

The use and care of instruments, lettering, and the theory of projection drawing in preparation for solving engineering problems by projection and revolution of points, lines, and planes.

Two semester hours credit.

Required of all pre-engineering students. No prerequisites.

Six laboratory hours, first semester.

22. ENGINEERING DRAWING

MR. CORBIN

Intersections and developments, assembly and detail drawings, sections and dimensions.

Two semester hours credit.

Required of all pre-engineering students. Prerequisites: Physics 21 or approval of instructor.

Six laboratory hours, second semester.

25. ACOUSTICS**MR. DANIELS**

Descriptive study of vibration and sound waves, and of simple vibrating systems.

Three semester hours credit.

This course is intended to satisfy the requirement of a course in acoustics for students taking the B.S. Degree in Music Education.

Political Science

Associate Professor JARVIS and Instructors BOENAU and HAMPTON

Students majoring in Political Science are required to complete a minimum of 24 semester hours, including 1 and 14 (a or b). In addition, majors are required to take Economics 3A or 3a. Students who require only three credits in Political Science should take 1a. Majors should take 1 in the Sophomore year. 4 is especially recommended for pre-legal students.

1a. AMERICAN GOVERNMENT**STAFF**

Government at the national level—origins, constitutional principles and development, problems of federalism, the individual and government, the democratic political process, the three branches of government.

Three hours, both semesters.

Three semester hours credit.

1b. AMERICAN GOVERNMENT**STAFF**

Domestic and foreign policies and problems at the national level, state constitutions and governmental structure, units and forms of local government, problems and trends at the state and local level.

Three hours, both semesters.

Three semester hours credit.

3a. EUROPEAN GOVERNMENT**MR. BOENAU**

Principles and practices underlying the organization and operation of principal governments of Europe.

Three semester hours credit.

Three hours, first semester.

3b. EUROPEAN GOVERNMENT**MR. BOENAU**

Evolution, organization, policies, procedures, and current trends of European political parties.

Three semester hours credit.

Three hours, second semester.

4a. CONSTITUTIONAL LAW**MR. JARVIS**

Case studies of Supreme Court decisions involving powers of the legislative, executive, and judicial branches of the National Government.

Three hours, first semester.

Three semester hours credit.

4b. CONSTITUTIONAL LAW

MR. JARVIS

Case studies of Supreme Court decisions involving the powers of State governments, constitutional protection of individual rights.

Three hours, second semester.

Three semester hours credit.

5. INTERNATIONAL LAW AND ORGANIZATION

MR. JARVIS

The international community and its organization, status of members, jurisdiction over land, sea, and air, nationals and aliens, international agents and agreements, procedures for adjusting international differences, techniques of international cooperation.

Three semester hours credit.

Three hours, second semester.

Not offered in 1958.

6. BUSINESS AND GOVERNMENT

MR. JARVIS

An examination and appraisal of public policy relating to the economy generally, as reflected in legislation and judicial decisions—anti-trust and unfair trade practices regulation, public utilities, labor, agriculture, fiscal and monetary controls, government ownership and operation, war and depression measures.

Three semester hours credit.

Three hours, first semester.

Given in *odd* numbered years only. Alternates with course 8.

8. POLITICAL PARTIES

MR. JARVIS

Politics and the politician, party evolution, organization, procedures, policies, and prospects. Emphasis is placed on evaluation of current political party developments and trends.

Three semester hours credit.

Three hours, first semester.

Given in *even* numbered years only. Alternates with course 6.

9. INTERNATIONAL RELATIONS

MR. HAMPTON

National policies of major world powers in the post-war world against the background of geographic, economic, demographic, and strategic influences, with special emphasis on the role of the United States in current world developments.

Three semester hours credit.

Three hours, first semester.

11. AMERICAN POLITICAL THOUGHT

MR. HAMPTON

A survey of American political philosophy from colonial times to the present, as expressed in the writings, speeches, and activities of leading personalities in American politics.

Three semester hours credit.

Three hours, second semester.

Given in *odd* numbered years only. Alternates with course 16.

14a. POLITICAL THEORY

MR. JARVIS

The evolution of Western political thought from ancient to modern times, as expressed in the writings of the great political philosophers of history.

Three hours, first semester.

Three semester hours credit.

14b. POLITICAL THEORY

MR. JARVIS

Contemporary political doctrines—a critical analysis of four rival ways of life in the modern world: communism, fascism, capitalism, and socialism.

Three hours, second semester.

Three semester hours credit.

16. AMERICAN FOREIGN POLICY

MR. HAMPTON

The machinery and processes involved in foreign policy determination, past and present problems of American foreign policy and current developments, commitments in special areas, the United Nations and foreign policy.

Three hours, second semester.

Three semester hours credit.

Given in *even* numbered years only. Alternates with course 11.

18. SENIOR SEMINAR

STAFF

The integration of subject matter taken in the field of Political Science to provide training in locating research materials and in presenting individual reports, both oral and written, and to prepare majors for comprehensives and for graduate work.

Three semester hours credit.

Three hours, second semester.

Open only to Seniors majoring in Political Science who have permission of the department chairman.

Psychology

Professor SMOKE, Associate Professor PLATT, and Assistant Professors SHAND,
OSTRANDER, FRANK, and WOOD*

Psychology 1 is a prerequisite for all other courses in the department. Requirements for a major include Psychology 1, 4, 10, and 12, and twelve additional hours, as approved by the department. Students looking forward to being recommended for admission to graduate school will be expected to take Psychology 8 and 11.

Psychology majors are advised to take Psychology 8 no later than their Junior year.

At least one year of postgraduate work is almost always required of applicants for positions in psychology.

*On leave 1957-1958.

1. GENERAL PSYCHOLOGY

STAFF

Introductory survey of the facts and principles of psychology, including the study of human motivation, emotion, perception, thought, intelligence, and personality. Some attention is given to the application of psychology, especially in the solution of personal and social problems.

Three hours, either semester.

Three semester hours credit.

2. BUSINESS AND INDUSTRIAL PSYCHOLOGY

MR. OSTRANDER

Application of psychological principles and techniques to the study of problems in business and industry.

Three semester hours credit.

Three hours, second semester.

3. SOCIAL PSYCHOLOGY

MESSRS. SMOKE AND OSTRANDER

Psychological study of human experience and behavior in social situations.

Three hours, second semester.

Three semester hours credit.

4. HISTORY OF PSYCHOLOGY

MR. PLATT

Major developments in the history of psychology, with special attention to the rise of basic theoretical viewpoints.

Three semester hours credit.

Open only to Juniors and Seniors.

Three hours, first semester.

5. APPLIED PSYCHOLOGY

Applications of psychology to such specific areas as market research, public opinion polling, guidance and counseling, criminology, and getting a job. Outside readings and reports in areas of student's special interests.

Three hours, first semester.

Three semester hours credit.

Not given 1958-1959.

6. MENTAL HYGIENE

MESSRS. SMOKE AND FRANK

Principles of personal adjustment and the use of these principles in everyday living. The understanding of one's self with respect to abilities, interests, attitudes, and traits of personality.

Three semester hours credit.

Three hours, second semester.

7. PSYCHOLOGY OF PERSONALITY

MR. SMOKE

The nature of personality, together with the methods and results of its study.

Three hours, first semester.

Three semester hours credit.

8a. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. OSTRANDER

The development and interpretation of tests used to measure general intelligence, special aptitudes, and achievement. Strengths and weaknesses of the Binet, Wechsler, Otis and other group tests. Statistical treatment of test results.

Three semester hours credit.

Two class hours and two laboratory hours, first semester.

8b. PSYCHOLOGICAL TESTS AND MEASUREMENTS

MR. OSTRANDER

The development and interpretation of tests used in the study of personality. Special attention is given to the measurement of interests and attitudes.

Three semester hours credit.

Prerequisite: Psychology 8a. Two class hours and two laboratory hours, second semester.

9. CHILD AND ADOLESCENT PSYCHOLOGY

MRS. WOOD

The growth and development of the child and adolescent, including such topics as learning, maturation, perceptual development, and social behavior. Some attention is given to the exceptional child

Three hours, either semester.

Three semester hours credit.

10. EXPERIMENTAL PSYCHOLOGY

MR. PLATT

An introduction to experimental methods and design. Methods of control and the treatment and interpretation of data are emphasized. Laboratory work and selected readings.

Three semester hours credit.

Open only to Juniors and Seniors who are majors in the Department.

Two class hours and one three-hour laboratory period, either semester.

11. PSYCHOLOGICAL STATISTICS

MR. PLATT

A study of statistics commonly used in research in psychology, including measures of central tendency, variability, correlation, and reliability.

Three hours, first semester.

Three semester hours credit.

12. ADVANCED GENERAL PSYCHOLOGY

MR. PLATT

Motivation, perception, learning, and other topics in general psychology for advanced students.

Three semester hours credit.

Prerequisite: Twelve semester hours in Psychology.

Three hours, second semester.

13. INTRODUCTION TO CLINICAL PSYCHOLOGY MR. FRANK

A survey of the field of clinical psychology, its problems, methods, and areas of application. Not a course in clinical practice. *Three semester hours credit.*

Prerequisite: Six semester hours in Psychology.

Junior and Senior course. Three hours, first semester.

14. ABNORMAL PSYCHOLOGY MRS. WOOD

Abnormalities of personality and behavior in mentally handicapped, deviant, neurotic, and psychotic persons. *Three semester hours credit.*

Prerequisite: Six semester hours in Psychology. Junior and Senior course. Three hours, second semester.

15. SENIOR RESEARCH MESSRS. SMOKE AND PLATT

Supervised individual research projects. *Semester hours as arranged.*

Open only to Seniors who are majors in the department. Conference hours as arranged, first semester.

16. PSYCHOLOGY OF LEARNING MR. PLATT

Recent investigations in all phases of learning, including a study of factors affecting the efficiency of human learning and retention. An introductory survey of contemporary learning theories is included.

Three semester hours credit.

Prerequisite: Six semester hours in Psychology. Three hours, first semester.

17. CONTEMPORARY PSYCHOLOGICAL LITERATURE MR. PLATT

A review of recent books, journal articles, and research projects related to significant contemporary developments in the field of Psychology. Opportunity will be given for independent reading on topics of special interest to the individual student. *Three semester hours credit.*

Prerequisite: Six semester hours in Psychology. Three hours, second semester.

18. HUMAN RELATIONS MR. OSTRANDER

Discussion and criticism of recent research in communication, social perception, and other topics bearing on human interaction. Directive and non-directive interviewing, role playing, and the preparation of case studies as aids in the understanding of human relations. Opportunity will be given for independent research on topics of special interest to the individual student.

Three semester hours credit.

Junior and Senior course. Three hours, first semester.

19. PHYSIOLOGICAL PSYCHOLOGY

MR. PLATT

A consideration of behavior and of mental processes as they are related to the structure and functioning of the organism. Emphasis is placed on sensation, perception, learning, and problem solving. Some attention is given to physiological bases of psychopathology. *Three semester hours credit.*

Prerequisite: Six semester hours in Psychology. Three hours, second semester.

Reserve Officers Training Corps (ROTC)*(Army and Air Force)*

Gettysburg College participates in the National Security Program by offering to its students, in cooperation with the Department of Defense, the opportunity to enroll in one of the Reserve Officer Training programs. The purpose of these programs is to provide trained reserve officers to meet present active-service and possible future emergency manpower requirements of the Army and Air Force. The training is conducted by officers and enlisted personnel of these two services through integrated courses in the classroom, leadership laboratories, seminars, and practical application. Adequate equipment, including radios, motor vehicles, recoilless weapons, small arms, films, charts, instruments, models, etc., as well as field trips to Army Posts and Air Force bases, are utilized for instructional purposes. The necessary textbooks and uniforms are provided by the Federal Government. Reserve Officer training is an integral part of the student's regular academic schedule and does not increase the total graduation requirements of those participating.

Both the Army and the Air Force provide Reserve Officer Training facilities at Gettysburg College. Each training program is divided into two general courses—Basic and Advanced. The Basic Course, taken during the Freshman and Sophomore years, provides a general background for the Army or Air Force. The Army ROTC provides training in specific military skills and techniques along with some generalized instruction, while the AFROTC presents a completely generalized curriculum devoted primarily to the development of citizenship for the Air Age. College credit is given for ROTC. Students taking ROTC are not required to take Physical Education.

The Army Reserve Officer Training Corps (AROTC) is open to all physically qualified male students who are citizens of the United States. Air Force Reserve Officer Training Corps (AFROTC) is open to both male and female students who meet the standards. Gettysburg College is one of ten institutions in the United States accepted by the Air Force for WAF ROTC training. Women enjoy the same eligibility for field trips, orientation flights and other activities previously available only to men.

Students who have successfully completed the Basic Course, have demonstrated a satisfactory degree of proficiency and leadership, and meet required physical and aptitude standards, may enroll in the Advanced Course. Any student who has completed two years of honorable military service is authorized, if otherwise qualified, to enroll in the Advanced Course at the beginning of his

Junior year. Present members of a National Guard or Reserve Unit may enroll in the Basic Course and be excused from attending Armory Drill while participating in Army ROTC.

Male Advanced Course students are provided with uniforms which are retained by them after they are commissioned. Female AFROTC students also receive free uniforms. Male Advanced ROTC students are paid approximately \$535 during their 21 months of advanced study in the ROTC program, while female Advanced AFROTC students receive approximately \$150. Between their Junior and Senior years, ROTC students attend a summer camp (six weeks for AROTC students and four weeks for AFROTC students) which is devoted to practical application of the courses of instruction they have received during the previous three years in the classroom and leadership laboratories. Both male and female students are reimbursed for travel expenses to and from summer camp and are paid approximately \$20 per week. WAF attendance at summer camp is voluntary.

Under the General Military Science program, Army ROTC graduates may be commissioned in any one of the 17 branches or technical services of the Army. The branch in which a student is to be commissioned is determined by his academic background, his individual desires, and the needs of the Army at the time he receives his commission. Those students who are outstanding and are designated Distinguished Military Students may apply for Regular Army Commissions. Any officer who desires and is physically qualified may receive Army Aviation or Airborne training. Special programs are available to students who plan to enter the medical profession or the ministry.

AFROTC graduates may be commissioned as Pilots or Flying Observers or within limited quotas as chaplains, meteorologists or administrative officers. Distinguished AFROTC Graduates may apply for Regular Air Force Commissions. Those who enter active duty in a Reserve status may later be authorized to apply for a regular commission. After completion of flying training, pilots are usually assigned flying duty with an operational unit, and will normally also perform secondary administrative duties related to their academic majors, past training, and personal interests. WAF graduates who accept a commission will be assigned to non-hazardous duties related to their academic majors and personal interests.

Meteorologists spend the first year of their active-duty tours pursuing graduate study leading to a Master's degree at a technological institution. Chaplain Trainees are deferred from active duty until after completion of their theological studies.

At present, students participating in either the Army or Air Force ROTC programs may be deferred from induction under the Selective Service Act so long as they maintain satisfactory academic averages and continue to demonstrate potential ability to become commissioned officers. Army ROTC students who are commissioned must agree to serve at least two years on active duty if called, and to remain in the Reserves for an additional four years, a total of six years from the date of commission. Graduates in excess of Army active-duty requirements receive six months of active-duty training and remain thereafter in the Ready Reserves until the eighth anniversary of their commissioning.

AFROTC graduates electing Pilot or Observer training are committed to five years of active duty and one year in the Active Reserves. All other AFROTC graduates are obligated for three years of active duty if called, and for three years of inactive reserve status, totaling six years from date of commission. Any graduate in excess of Air Force requirements, may receive six months of active-duty training and remain thereafter in the reserve for seven and a half years. Veterans and female students are not obligated for active duty, but the latter upon completion of the AFROTC course may accept commissions and elect active duty if otherwise qualified.

Military Science and Tactics

Professor BEECHINOR, Assistant Professors BEIRNE and PETERSON, and Assistant Instructors DOVE, PROSPERI, TOMLIN, BORING, and DAYE

Basic Course

1. BASIC COURSE, FRESHMAN

School of the soldier; American Military History; weapons and marksmanship.
Four semester hours credit.

Four periods, throughout the year (2 in the classroom, 2 in outdoor drill).

2. BASIC COURSE, SOPHOMORE

School of the soldier; crew-served weapons and gunnery; map and aerial photography reading.
Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in outdoor drill).

Advanced Course

3. ADVANCED COURSE, JUNIOR

Leadership, exercise of command; military teaching; organization, function and mission of the services; small unit tactics; communications and miscellaneous Military subjects.
Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

4. ADVANCED COURSE, SENIOR

Leadership, exercise of command; estimate of the situation; combat orders; command and staff; administration; military justice and boards; military intelligence; training management; the military team; troop movements; supply and evacuation; tactics of infantry battalion; motor transportation; service orientation; miscellaneous military subjects.
Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in outdoor drill).

Air Science

Professor PETERS, Assistant Professors COVINGTON, HORNIG, TEUFEL, and ZARTMAN, and Assistant Instructor DENNINGTON, GIMPEL, WALKER, and WARRINGTON

Basic Course

1. FOUNDATIONS OF AIR POWER

A general survey of air power designed to provide the student with an understanding of the elements of air power and basic aeronautical science.

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in leadership laboratory).

2. BASIC COURSE, SOPHOMORE

Careers in the United States Air Force, introduction to elements of warfare (targets, weapons, aircraft, the air ocean), the Air Force base and Air Force operations; leadership laboratory (Cadet non-commissioned officer training).

Four semester hours credit.

Four periods, throughout the year (2 in classroom, 2 in leadership laboratory).

Advanced Course

3. ADVANCED COURSE, JUNIOR

Introduction to Advanced AFROTC, meteorology, aerial navigation, Air Force commander and staff, problem-solving techniques, instruction in the Air Force, communications processes and Air Force correspondence, military justice, Air Force base functions, preparation from summer training; leadership laboratory (Junior officer training).

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in leadership laboratory). Also 4 weeks in Summer Training Unit for applied air science.

4. ADVANCED COURSE, SENIOR

Seminar in principles of leadership and management, career guidance, military aviation and the art of war, military aspects of world political geography, briefing for commissioned service; leadership laboratory (Command training).

Six semester hours credit.

Six periods, throughout the year (4 in classroom, 2 in leadership laboratory).

Romance Languages

Professor BACHMAN, Associate Professors HAMME and HARTSHORNE, Assistant Professors BARRIGA and SANBORN, and Instructors HATHORN and PLAYFOOT

Requirements for a major in French or Spanish include a minimum of 24 semester hours above the A course; 30 semester hours are necessary for a teaching major.

Requirements for a teaching major or minor in French include courses 3 and 5.

Requirements for a major in Spanish include a reading knowledge of a second foreign language.

French Language

A. ELEMENTARY FRENCH

STAFF

Essentials of grammar; practice in composition, reading, and translation.

Three hours, throughout the year.

Six semester hours credit.

1. INTERMEDIATE FRENCH

STAFF

Grammar review and composition. Reading of selections from modern French authors.

Six semester hours credit.

Prerequisite: French A or its equivalent. Three hours, throughout the year.

3. ADVANCED FRENCH COMPOSITION AND CONVERSATION

MR. BACHMAN

Systematic study of French grammar including composition drill. Stress on free composition and oral expression.

Six semester hours credit.

Prerequisite: French 1. Three hours, throughout the year.

5. PRACTICAL PHONETICS

MR. BACHMAN

Practice in phonetic transcription and pronunciation. Laboratory course.

Three semester hours credit.

Not given 1958-1959.

6. INTRODUCTION TO ROMANCE PHILOLOGY

MR. BACHMAN

Morphology of French, Spanish, and possibly Italian. Emphasis on the phenomena having special significance for teachers or graduate students. Recommended to majors and minors both in French and Spanish.

Three semester hours credit.

Not given 1958-1959.

7. OLD FRENCH LANGUAGE AND LITERATURE

MR. BACHMAN

The various *genres* of medieval French literature.*Two semester hours credit.*

Prerequisite: French 6. Two hours, second semester. Alternates with French 21.

Not given 1958-1959.

9. EXPLICATION DE TEXTES

MR. BACHMAN

Designed for Seniors only. Conference hours as arranged, either semester.

Two hours, either semester.

*Two semester hours credit.***French Literature**

The following courses fulfill the one-year literature requirement.

11. SURVEY COURSE IN FRENCH LITERATURE

MR. SANBORN

A general survey of French literature from the Middle Ages to the 19th century.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year.

13. FRENCH LITERATURE OF THE 19TH CENTURY, 1800-1850

MR. HARTSHORNE

Selections from poets and prose writers of the Romantic and Realistic movements.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year. Alternates with French 14.

Not given 1958-1959.

14. FRENCH LITERATURE OF THE 19TH CENTURY, 1850-1900

MR. HARTSHORNE

Selections from poets and prose writers of the Naturalistic and Symbolistic movements.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year. Alternates with French 13.

15. FRENCH LITERATURE OF THE 20TH CENTURY

MR. SANBORN

The more recent literary tendencies of France, with special reference to the national life and character.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Three hours, throughout the year. Not given 1958-1959.

17. FRENCH LITERATURE OF THE 17TH CENTURY

MR. BACHMAN

French classicism as revealed in the dramatic works of Corneille, Molière, and Racine. Study of the representative prose writers. *Six semester hours credit.*

Prerequisite: French 1 or its equivalent. Three hours, throughout the year. Alternates with French 18.

18. FRENCH LITERATURE OF THE 18TH CENTURY

MR. BACHMAN

Critical study of the "*esprit philosophique*" as illustrated in the writings of Montesquieu, Voltaire, Diderot, d'Alembert, Buffon, Rousseau, and others.

Six semester hours credit.

Prerequisite: French 1 or its equivalent. Alternates with French 17.

Three hours, throughout the year.

Not given 1958-1959.

French Civilization, Methods, Seminar

21. HISTORY OF FRENCH CIVILIZATION

MR. BACHMAN

A survey of French history, emphasizing the French contributions to the political, social, and cultural movements of Europe.

Three semester hours credit.

No language requirements. Three hours, second semester.

Not given 1958-1959.

23. METHODS OF TEACHING FRENCH

MR. BACHMAN

Lesson planning in conjunction with grammar review; discussion concerning the cultural material to be used; selection of suitable texts.

Open only to Juniors and Seniors who expect to teach and who have been recommended by the department head.

Three semester hours credit.

Three hours, first semester. Given only in alternate years.

25. THESIS IN FRENCH

STAFF

Conference hours as arranged, either semester. *Two semester hours credit.*

Spanish Language

A. ELEMENTARY SPANISH

STAFF

Fundamentals of grammar and reading.

Six semester hours credit.

Three hours, throughout the year.

1. INTERMEDIATE SPANISH

STAFF

Review of Spanish grammar, conversation, translation, and composition.

Six semester hours credit.

Prerequisite: Spanish A or its equivalent. Three hours, throughout the year.

2. ADVANCED COMPOSITION AND CONVERSATION

MISS HATHORN

Social and business letter writing, short Spanish themes, advanced grammar, and conversation based on current events and life-situations.

Six semester hours credit.

Prerequisite: Spanish 1 or its equivalent. Three hours, throughout the year.

Spanish Literature

Courses 10 through 17 fulfill the one-year literature requirement. Prerequisite: Spanish 1 or its equivalent.

10. SURVEY COURSE IN SPANISH LITERATURE

MR. BARRIGA

The development of the Spanish géneros literarios to the present day. Geographical and historical background.

Six semester hours credit.

Three hours, throughout the year.

11. SPANISH-AMERICAN LITERATURE

MR. BARRIGA

A survey course with emphasis on poetry and the novel.

Three hours, throughout the year.

Six semester hours credit.

12. NINETEENTH CENTURY SPANISH DRAMA

MR. HAMME

Romantic and post-romantic Spanish drama from the Duque de Rivas to Espronceda.

Six semester hours credit.

Three hours, throughout the year.

Not given 1958-1959.

13. NINETEENTH CENTURY SPANISH NOVEL

MR. BARRIGA

The costumbrista movement. Reading and discussion of works from Cecilia Böhl de Faber to and including some of the works by Pérez Galdós.

Three hours, throughout the year.

Six semester hours credit.

Not given 1958-1959.

14. CONTEMPORARY SPANISH NOVEL

MR. HAMME

Reading and study of novels beginning with the Generation of 1898.

Three hours, throughout the year.

Six semester hours credit.

Prerequisite: Spanish 1 or its equivalent.

Not given 1958-1959.

15. CONTEMPORARY SPANISH DRAMA

MR. BARRIGA

Reading and study of the outstanding plays of the 20th Century beginning with the Generation of 1898.

Six semester hours credit.

Three hours, throughout the year.

Not given 1958-1959.

16. NOVELA DEL SIGLO DE ORO

MR. HAMME

*La novela picaresca and Don Quijote.**Six semester hours credit.*

Three hours, throughout the year.

17. TEATRO DEL SIGLO DE ORO

MR. HAMME

Lope de Vega and other dramatists of the Siglo de Oro.

Three hours, throughout the year.

Six semester hours credit.

Spanish Civilization, Methods, Seminar

21. METHODS AND TECHNIQUE OF TEACHING SPANISH

MR. HAMME

Technique, lesson planning, selection of textbooks, remedial teaching. Lectures, reports, and classroom practice.

Three semester hours credit.

For teaching majors. Hours as arranged.

Three hours, first semester.

Not given 1958-1959.

22. THESIS IN SPANISH

STAFF

Research and outlining. Individual conferences.

Two semester hours credit.

Prerequisite: Any course from the group 10-21.

Two hours either semester. Conference hours as arranged.

Russian

(See German)

Sociology

Professor BLOSS, Visiting Professor DOUGLAS, Associate Professor Schubart,**
Assistant Professor WOOD, and Instructor SHEAFFER*

Requirements for a major include Sociology 1, 2, 10, and 11 and twelve additional semester hours in Sociology as approved by the department. Students looking forward to Social Work must take Sociology 3 and 9.

Sociology 1 is prerequisite to all other courses except in special cases approved by the department.

1. PRINCIPLES OF SOCIOLOGY

STAFF

Survey of the basic forms of human association and interaction; culture and personality; collective behavior; institutions; social organization; social change.

Three hours, either semester.

Three semester hours credit.

2. CULTURAL ANTHROPOLOGY

STAFF

Interrelation of the individual, society, and culture. Analysis of diverse cultures with reference to their institutions, value systems, and behavior patterns.

Three hours, either semester.

Three semester hours credit.

3. INTRODUCTION TO SOCIAL WORK

MRS. DOUGLAS

Development and organization of modern social services under public and private auspices. Basic processes of social case work, group work and community organization.

Three semester hours credit.

Three hours, first semester.

4. FIELD WORK EXPERIENCE

MRS. DOUGLAS

Current trends in the philosophy and practice of social work. Two hours seminar one day each week plus field work for one-half day per week in approved social agencies offering supervision.

Three semester hours credit.

Senior course. Three hours, second semester.

5. THE FAMILY

History of the family. The family in various cultures. Social and economic problems of the family in the U. S. Current marriage laws.

Three hours, second semester.

Three semester hours credit.

Not given 1957-1958.

*On leave 1957-1958.

**Acting Head of Department 1957-1958.

6. FAMILY RELATIONSHIPS

MR. SCHUBART

Marriage and the family in contemporary American culture. Interactions of personalities in the family group. Shifting roles of members. Current literature and research in the field.

Three semester hours credit.

Three hours, first semester.

7. AMERICAN SOCIETY: URBAN AND RURAL PATTERNS

MRS. WOOD

Rural-urban trends and their significance. Problems arising from the urbanization and industrialization of American society.

Three hours, second semester.

Three semester hours credit.

8. MASS COMMUNICATION

Relationship of public opinion to social control and collective behavior. Special attention given to the various media of mass communication such as the newspaper, radio, motion picture and to the problems of monopoly, propaganda and freedom.

Three semester hours credit.

Three hours, first semester.

Not given 1957-1958.

9. SOCIAL LEGISLATION

MRS. DOUGLAS

The changing philosophy of Government to meet the needs of modern industrial civilization; special attention given to present day social welfare policies and programs at the federal, state and local levels.

Three hours, second semester.

Three semester hours credit.

10. SOCIAL THEORY

MR. SHEAFFER

Causality and field-theory in the social sciences. The contributions of Durkheim, Pareto and Weber to social theory. Recent trends in American sociology.

Three hours, second semester.

Three semester hours credit.

11. METHODS OF SOCIAL RESEARCH

MR. SHEAFFER

Methodological procedures and techniques in sociology. Collection, classification, analysis and interpretation of data.

Three semester hours credit.

Three hours, first semester.

12. SOCIAL CHANGE IN MODERN SOCIETY

Conditions which make for social and personal order or disorder in selected contemporary societies. Modern programs, ideologies, organizational techniques, strategies and tactics of power elites, parties, pressure groups and social movements.

Three semester hours credit.

Three hours, first semester.

Not given 1957-1958.

13. CRIMINOLOGY

MR. SHEAFFER

Analysis of the social, cultural and psychological factors involved in the development of the criminal; evaluation of our present system of criminal justice; trends and future objectives. *Three semester hours credit.*

Three hours, first semester.

14. DYNAMICS OF SMALL GROUPS

MRS. WOOD

Development of the small group research movement. Dynamics of the participative group. Social perception, communication, leadership and social competence in small group situations. Sociometric structure in personality and group formation. *Three semester hours credit.*

Three hours, first semester.

15. INDUSTRIAL SOCIOLOGY

MRS. DOUGLAS

The industrial plant as a complex social organization; the functional relationships between industrial production and other aspects of societal organization.

Three hours, second semester.

Three semester hours credit.

16. SOCIAL STRATIFICATION AND INTERGROUP RELATIONS

Structure and dynamics of class and status systems, class differentials and social mobility. Problems of cultural and social integration with special reference to the interrelations of the various ethnic, religious, racial and political minorities and majorities in the U. S. *Three semester hours credit.*

Three hours, second semester.

Not given 1957-1958.

*20. SEMINAR

MRS. DOUGLAS

Types of social and economic change in the underdeveloped countries. Regional case studies. Aid problems and policies.

Two hours, either semester.

Three semester hours credit.

Spanish

(*See Romance Languages*)

Speech

(*See English*)

*1958-1959 See Economics 24.

Alumni Organizations

The Alumni Association

The Gettysburg College Alumni Association, founded in 1835, is comprised of graduates of the College and former students who were regularly matriculated. It is organized to promote the welfare of Gettysburg College and to maintain good fellowship among the members. Though the Association meets but once a year, the Alumni Council meets at the spring and fall Homecomings. The Executive Committee meets each January to plan and execute organization affairs.

Many local branches of the Association hold frequent meetings.

Executive Committee

Association Officers

President WILLIAM H. B. STEVENS, '26, 410 N. Third St., Harrisburg
Vice President LAVERN H. BRENNEMAN, '36, 2233 Loucks Rd., York
Alumni Secretary
Recording Secretary --- HARRY C. SHRIVER, '29, 9306 Linden Ave., Bethesda, Md.
Treasurer ROBERT D. HANSON, '39, 112 Market St., Harrisburg

Local Club Organizations

Adams County

President ORVILLE B. ORNER, '32, 702 Highland Ave., Gettysburg
Secretary MRS. HELEN BREAM, '54, 248 Chambersburg St., Gettysburg

Altoona, Pa.

President HAROLD J. PEGG, '25, 117 East Southy Ave., Altoona
Secretary MRS. LEE E. SNOOK, '52, 405 E. Main St., Roaring Spring

Baltimore, Md.

President L. J. BARNES, '52, 3703 Nortonia Rd., Baltimore 16
Secretary MRS. GEORGE M. REESE, '48, 7846 Birmingham Ave., Baltimore 14

Central Pennsylvania

President THE REV. ARTHUR L. RUTHS, '45, 412 W. College Ave., State College
Secretary THEODORE LINDQUIST, JR., '50, Loganton

Franklin County

President MARSBY C. LITTLE, '28, 127 N. Grant St., Waynesboro
Secretary MRS. M. C. LITTLE, '28, 127 N. Grant St., Waynesboro

Chicago, Ill.

President CARL W. BAUDER, '26, 843 Washington Blvd., Oak Park
Secretary THE REV. M. D. SHUTTERS, '36, 2112 Lemoyne Ave., Chicago 22

Cleveland, Ohio

President THE REV. ROBERT BARKLEY, '31, 3862 Summit Park Rd., Cleveland Heights
Secretary FRED MESSINGER, '38, 1616 Marlowe Ave., Lockwood

Delaware

President JOSEPH M. WILSON, '31, 54 Paschall Rd., Wilmington 3
Secretary MARGUERITE WEAVER, '14, 1019 Adams St., Wilmington

Detroit, Mich.

President JOHN C. LEIDY, '51, 23313 Edsel Ford Ct., St. Clair Shores
Secretary MRS. J. C. LEIDY, '51, 23313 Edsel Ford Ct., St. Clair Shores

Frederick-Carroll County

President GEORGE MOTTER, '47, Taneytown, Md.
Secretary SAMUEL W. BARRICK, '48, 1202 Beachwood Dr., Frederick, Md.

Hagerstown, Md.

President R. M. MILLER, '35, Clear Spring
Secretary JOHN T. BRENNAN, '54, Box 497, Hagerstown

Harrisburg, Pa.

President JOHN M. MUSSELMAN, '39, 508 Benton Rd., Camp Hill
Secretary JEAN KEEFER, '44, 413 W. Main St., Mechanicsburg

Johnstown, Pa.*Inactive***Lancaster, Pa.**

President JAMES H. HARTZELL, '24, 634 East End Ave.
Secretary MRS. W. E. FISHER, '41, 930 Manetta Ave.

Lebanon-Schuylkill Counties*Inactive***Lehigh Valley**

President LEON A. PHILLIPS, '24, 42 North 13th St., Allentown
Secretary MRS. EDITH MUMPER, '29, 421 Florida Ave., Fullerton

Louisiana

President DR. MORELL W. MILLER, '20, 1109 Eleanore St., New Orleans
Secretary

New York

President FREDERICK G. WEISSER, JR., '52, 3 East Mill Dr., Great Neck
Secretary MICHAEL SLEPPIN, '53, 50 Shelley Lane, Great Neck

North Central Pennsylvania

President JOHN W. HOUGH, '35, 594 East Mountain Ave., South Williamsport
Secretary FRED H. SMITH, '24, 420 Tinsman Ave., Williamsport

Northeastern Pennsylvania

President JOHN C. VILLAUME, '38, 319 Harwood Ave., Clarks Summit
Secretary GEORGIA OSWALD, '53, Wyoming Seminary, Kingston

Northern California

President ERIC E. DUCKSTAD, '39, 707 DeSoto Dr., Palo Alto
Secretary MARTIN P. GLYNN, '49, 2524 Broadway, San Francisco 15

Northern New Jersey

President WILLIAM A. KOCH, III, '49, 39 Oakwood Ave., Bogota
Secretary MRS. WOODROW HAMILTON, '47, 441 Mountain Ave., Westwood

Philadelphia, Pa.

President DAVID W. HETRICK, '34, 30 Woodcroft Rd., Havertown
Secretary PATRICIA BRENNAN, '55, 801 Rowland Ave., Cheltenham

Pittsburgh, Pa.

President THE REV. LESTER M. UTZ, '34, 94 South Fremont Ave., Pittsburgh 2
Secretary ROBERT H. FRYLING, '43, 140 LaCrosse St., Cedar Apt. No. 1, Pittsburgh

Reading and Berks County

President RICHARD W. MILLER, '48, 816 North Fifth St., Reading
Secretary G. KENNETH NEWBOULD, '31, 1409 Monroe Ave., Wyomissing

Rochester Area

President THE REV. MARTIN DOLBEER, '43, 369 Seneca Pkwy., Rochester 13, N. Y.
Secretary MRS JULIUS TONDAT, '46, 2064 Penfield Rd., Penfield, N. Y.

Somerset, Pa.

President GEORGE A. FRANTZ, JR., '38, Confluence
Secretary FRED G. MASTERS, '04, 532 Main St., Berlin

Southern California

President THE REV. LOUIS MERTZ, '42, 5961 Walton St., Long Beach 15
Secretary H. S. FOSTER, JR., '52, 6203 San Ramon Way, Buena Park

South Jersey

President JOSEPH C. CORUZZI, '47, 1012 Mercer Dr., Haddonfield
Secretary MRS. W. M. PLASKET, '48, 50 Walnut St., Salem

Southwestern Ohio

President ARBOUR L. YINGST, '29, 112 Abordeer Dr., Middletown
Secretary MRS. DONALD L. HOWELLS, '49, 2020 Riverside Dr., Columbus 21

Southern West Virginia

President DR. STEWART H. SMITH, '27, 1636 Fifth Ave., Huntington
Secretary MRS. S. H. SMITH, 1636 Fifth Ave., Huntington

Washington, D. C.

President DR. ALAN T. DEIBERT, '18, 2124 "Eye" St., N.W.
Secretary THE REV. DONALD W. PRIGGE, '45, 212 E. Capitol St.

Western Maryland*Inactive***York County**

President JOSEPH E. ERB, '49, 40 York St., Hanover
Secretary CLARENCE E. BOWERS, '18, 16 Findley St., York

Faithful Fifty (Philadelphia, Pa., Social Group)

President J. B. SALTZER, 1218 Chestnut St., Philadelphia 7
Secretary JOHN W. GOUKER, '33, 5829 Wissahickon Ave., Philadelphia

Students in College

Seniors, Class of 1958

- Abernathy, John M., Jr., *Phys., Media, Pa.*
 Adams, Richard L., *Bus. Ad., Harrisburg, Pa.*
 Aldridge, Robert C., *Bus. Ad., Hanover, Pa.*
 Allender, Charles M., *Bus. Ad., Baltimore, Md.*
 Anastasi, Richard V., *Bus. Ad., West New York, N. J.*
 Anderson, Kenneth C., *Hist., New Milford, Conn.*
 Anglemoyer, William, *Bus. Ad., Huntingdon Valley, Pa.*
 Apple, James G., *Hist., Sunbury, Pa.*
 Aslaksen, H. Bruce, *P.S., Cliffside Park, N. J.*
 Baier, Charles A., Jr., *Soc., Baltimore, Md.*
 Bailey, Larry D., *Bio., York, Pa.*
 Baker, George W., *Phil., Baltimore, Md.*
 Ball, Phyllis A., *Psy., Drexel Hill, Pa.*
 Bankert, Bonnie, *Soc., Lansdale, Pa.*
 Baughman, Peter F., *P.S. Gettysburg, Pa.*
 Baylor, John G., *Bus. Ad., Waynesboro, Pa.*
 Beachem, Charles W., *P.E., Ellwood City, Pa.*
 Beale, Willard H., *Bus. Ad., Upper Darby, Pa.*
 Benjamin, John H., *Bio., Nutley, N. J.*
 Best, John C., *P.E., Englewood, N. J.*
 Billheimer, Ellen, *Fr., New Brunswick, N. J.*
 Bishop, Stephen H., *Bio., Madison, N. J.*
 Black, James H., *Bio., New Cumberland, Pa.*
 Blackwell, Samuel A., *Psy., Seaford, Del.*
 Boddington, William D., *Phil., South Miami, Fla.*
 Body, Howard E., *P.S., Boyertown, Pa.*
 Bogue, Barbara E., *Psy., Union, N. J.*
 Bohr, Harper L., *Hist., Williamsport, Pa.*
 Bolton, Joseph, Jr., *Psy., Camp Hill, Pa.*
 Bonnett, Elaine R., *Eng., Brooklyn, N. Y.*
 Bower, Earl L., *Psy., York, Pa.*
 Boyer, Donald A., *Bus. Ad., York, Pa.*
 Brandt, Ronald A., *P.E., Harrisburg, Pa.*
 Bream, LeRoy, *Bus. Ad., Gardners, Pa.*
 Brennenman, Walter L., Jr., *Psy., Harrisburg, Pa.*
 Bright, C. Doyle, Jr., *Bus. Ad., Bloomsburg, Pa.*
 Brown, Barbara L., *Mus., West Grove, Pa.*
 Brown, Elizabeth A., *Bio., Altoona, Pa.*
 Brown, Jean, *P.E., Lansdowne, Pa.*
 Brundage, Jay M., *Bus. Ad., Pawling, N. Y.*
 Brunner, Karl R., II, *Bus. Ad., Morrisville, Pa.*
 Buckler, Warren L., *Math., Baltimore, Md.*
 Burchfield, Carol, *P.E., Cincinnati, Ohio*
 Burger, Charles L., *P.S., Morrisville, Pa.*
 Burger, Elizabeth E., *Mus., Red Hook, N. Y.*
 Burkhardt, Barbara A., *P.E., New Cumberland, Pa.*
 Bushey, Delton, *P.E., Harrisburg, Pa.*
 Byrne, David T., *Bus. Ad., Cranford, N. J.*
 Call, Woodrow, *Soc., Port Jervis, N. Y.*
 Cameron, Lawrence S., *Psy., Baltimore, Md.*
 Capitani, Frank A., *P.E., Hershey, Pa.*
 Carl, Rachel, *Mus., Friedens, Pa.*
 Carson, Robert J., *Eng., Havre De Grace, Md.*
 Carter, William S., *Bus. Ad., Avella, Pa.*
 Charles, Charles J., *Soc., Middleburg, Pa.*
 Church, James W. B., Jr., *Bio., Roselle, N. J.*
 Clark, William W., III, *Bus. Ad., Drexel Hill, Pa.*
 Clayton, Marjorie E., *Eng., Harrisburg, Pa.*
 Clouser, Sara L., *Fr., Middletown, Pa.*
 Coady, Bartine, *Hist., Yeadon, Pa.*
 Cole, Richard C., *Bio., Gettysburg, Pa.*
 Collins, Paul T., *Eng., Upper Montclair, N. J.*
 Coover, Lloyd, *Math., Hanover, Pa.*
 Craft, Nancy W., *Math., Wyomissing, Pa.*
 Crain, Thomas, *Econ., Crum Lynne, Pa.*
 Cuthbert, Allen S., Jr., *Math., Narberth, Pa.*
 Deardorff, Eugene A., *Chem., Arendtville, Pa.*
 Deetz, Barbara, *Soc., Philadelphia, Pa.*
 Dehoff, Burnell R., *Bus. Ad., Biglerville, Pa.*
 Deichert, James W., *Chem., Pine Grove, Pa.*
 DeLoca, Maralyn J., *Bio., Ramsey, N. J.*
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 Brehl, Diana E., *Ger.*, Douglaston, L. I., N. Y.
 Brenneman, James H., *Bus. Ad.*, York, Pa.
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 Crawford, John H., *Bus. Ad.*, Perry, N. Y.
 Crum, Thomas J., *Bus. Ad.*, Riderwood, Md.
 Crump, Roger S., *Bus. Ad.*, Floral Park, N. Y.
- Dallas, Lee A., *Psy.*, Philadelphia, Pa.
 Damon, Philip M., *Eng.*, Ridgewood, N. J.
 Davidyock, Richard J., *Econ.*, Summit Hill, Pa.
 Davies, William R., *Bus. Ad.*, Medford Lakes, N. J.
 Davis, Marian E., *Eng.*, Gettysburg, Pa.
 Dean, Barbara M., *Psy.*, Vineland, N. J.
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 Elfman, C. Bartley, Jr., *P.E.*, Doylestown, Pa.
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- Fetterolf, Howard D., *Bus. Ad.*, Bloomsburg, Pa.
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- Galassi, Michael H., *Bus. Ad.*, Garden City, N. Y.
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 Stillings, Patricia C., *Eng., Littleton, N. H.*
 Stipe, Thomas W., *Wallingford, Pa.*
 Stoddart, Susan F., *Chem., Lancaster, Pa.*
 Stonaker, Lynne B., *Bio., Pittsburgh, Pa.*
 Stuhlmuller, James R., *Bus. Ad., Media, Pa.*
 Sweigart, Patricia A., *Fr., Ephrata, Pa.*
 Sweyer, Walter L., *Bio., Seaford, L. I., N. Y.*
 Szabo, Eugene J., *Pre-Eng., Bethlehem, Pa.*
 Taylor, C. Douglas, *Eng., Gettysburg, Pa.*
 Taylor, Elizabeth J., *Math., Chatham, N. J.*
 Temme, Francis W., *P.E., Philadelphia, Pa.*
 Temple, Joanne, *Psy., Vineland, N. J.*
 Templin, Luise A., *Eng., Madison, Wis.*
 Tepp, Virginia C., *Psy., Valley Stream, N. Y.*
 Test, Gary W., *Chem., York, Pa.*
 Thoman, Daniel L., *Pre-Eng., Spring Grove, Pa.*
 Thomas, Audrey B., *P.E., Swedesboro, N. J.*
 Thompson, Jeanne K., *Chem., Lafayette Hill, Pa.*
 Tingley, Richard S., *Washington, D. C.*
 Tinsman, John L., Jr., *Bio., Media, Pa.*
 Toglia, Gilbert O., *Pre-Eng., New Rochelle, N. Y.*
 Torrence, Ronald W., *Econ., Chevy Chase, Md.*
 Trautwein, John V., *Soc., Baltimore, Md.*
 Tukloff, Ronald L., *Econ., West Chester, Pa.*
 VanBlarcom, Philip L., *Scotch Plains, N. J.*
 Vee, Richard P., *Bus. Ad., Fairlawn, N. J.*
 Velten, Ernest C., *P.E., Baltimore, Md.*
 Vogelsong, Edward L., *Bib., Harrisburg, Pa.*
 Volkman, George W., *Pre-Eng., Baltimore, Md.*
 VonCzoernig, Carl E., Jr., *Chester Springs, Pa.*
 Wagner, Jean E., *Hist., Palmyra, Pa.*
 Wagner, Robert Z., *Math., White Plains, N. Y.*
 Wagnild, Jon P., *Chem., Gettysburg, Pa.*
 Walker, Edgar M., Jr., *Econ., Clearfield, Pa.*
 Walker, James L., *Pre-Eng., Somerset, Pa.*
 Wallace, Doris E., *Fr., Woodbury, N. J.*
 Warrenfeltz, Donald R., Jr., *Hist., Hagers-town, Md.*
 Weiser, William W., *Harrisburg, Pa.*
 Wenz, Barry, *Brooklyn, N. Y.*
 Wert, Philip L., *Bio., Laurel, Pa.*
 White, Howard I., Jr., *Trenton, N. J.*
 White, Peter B., *P.E., Washington, D. C.*
 White, Weston B., Jr., *Pre-Eng., Flushing, N. Y.*
 Whyte, Robert M., Jr., *West Hempstead, N. Y.*
 Williams, David R., *Econ., Westfield, N. J.*
 Willis, James B., *Bus. Ad., Medford Lakes, N. J.*
 Willson, Thomas L., *Econ., Manhasset, N. Y.*
 Wilson, Donald M., *Morristown, N. J.*
 Wilson, Sandra L., *San Diego, Calif.*
 Winholt, Robert L., *Chem., York, Pa.*
 Wintersteen, John C., *Morrisville, Pa.*
 Wiseman, Donald C., *Abbottstown, Pa.*
 Wismer, Nancy, *Psy., Souderton, Pa.*
 Wonders, Donald E., *Eng., York Springs, Pa.*
 Wood, Lawrence R., *Econ., Chester, Pa.*
 Wood, Stephen L., *Econ., Havertown, Pa.*
 Wright, Harold W., *Bus. Ad., Aspers, Pa.*

Wright, Wayne W., *Chem., Gloucester, N. J.*
 Wright, William C., *Hist., Rutherford, N. J.*
 Wright, William M., *Bus. Ad., West Chester, Pa.*
 Wysocki, Allan S., *Phil., Col. Co., Pa.*

Yeatman, Pennock J., III, *P.E., Kennett Square, Pa.*

Yingling, James A., *Pre-Eng., Union Bridge, Md.*
 Yohe, Wayne I., *Phys., Havertown, Pa.*
 Yoshar, Steve A., *P.S., Palmerton, Pa.*
 Young, Alan F., *Bus. Ad., Tenaft, N. J.*
 Young, Jane D., *Lancaster, Pa.*

Zeim, Ernest P., *Pre-Eng., Cedar Grove, N. J.*

Zieger, David H., *Willow Grove, Pa.*

Students Attending the 1957 Summer Session

Abernathy, John, *Media, Pa.*
 Agaheg, Micke, *Tehran, Iran*
 Africa, Sally, *Huntingdon, Pa.*
 Albright, Gene, *Gardners, Pa.*
 Aldridge, Raymond, *Hanover, Pa.*
 Aldridge, Robert, *New Oxford, Pa.*
 Ailing, Roger, *Clayton, N. J.*
 Aslaksen, Bruce, *Cliffside Park, N. J.*

Baier, Charles, Jr., *Baltimore, Md.*
 Bailey, Larry, *York, Pa.*
 Bailey, William, *Fairhaven, Mass.*
 Barnes, David, *Aruba, W. I.*
 Beachem, Charles, *Ellwood City, Pa.*
 Bigham, Jane, *Gettysburg, Pa.*
 Black, James, *New Cumberland, Pa.*
 Blackwell, Samuel, *Seaforth, Del.*
 Bock, Francis, *Blue Ridge Summit, Pa.*
 Bolton, Joseph, *Camp Hill, Pa.*
 Books, Edgar, *Boiling Springs, Pa.*
 Bower, Earl, *York, Pa.*
 Bower, George, *Danville, Pa.*
 Boyle, Leo, *Emmitsburg, Md.*
 Boyles, Charles, *Frederick, Md.*
 Bream, Peggy Jo, *Gettysburg, Pa.*
 Breighner, Gordon, *Middlestown, Pa.*
 Brinser, Florence, *Middlestown, Pa.*
 Brown, Leland, *Lansdowne, Pa.*
 Bryan, Corvan, *Cashtown, Pa.*
 Buckley, John, *Philadelphia, Pa.*
 Burg, Dawn, *Red Lion, Pa.*
 Busch, John, *Brooklyn, N. Y.*
 Bush, Phyllis, *Hanover, Pa.*
 Bushey, Delton, *Harrisburg, Pa.*
 Bushman, Daniel, *Arendtsville, Pa.*

Carson, Robert, *Havre De Grace, Md.*
 Carter, William S., *Avella, Pa.*
 Coady, Bartine, *Yeadon, Pa.*
 Coble, Robert, *Ben Avon, Pa.*
 Cole, Richard, *Gettysburg, Pa.*
 Colyer, Stephen, *Radnor, Pa.*
 Condor, William, *Tamaqua, Pa.*
 Coyne, Henry, *Locust Gap, Pa.*
 Crane, Shirlee, *Harrisburg, Pa.*
 Cressman, Frederick, *Souderton, Pa.*
 Cross, Bradford, *Hanover, Pa.*
 Crouse, James H., *York, Pa.*
 Crouse, Russell, *Baltimore, Md.*
 Crum, Gary, *Biglerville, Pa.*
 Crum, Thomas, *Riderwood, Md.*
 Curry, Allen, *Wilmington, Del.*

Dallas, Lee, *Philadelphia, Pa.*
 Danfelt, E. Douglas, *Gettysburg, Pa.*
 Deardorff, Joanne, *Gettysburg, Pa.*
 Decker, Sigmund, *Gettysburg, Pa.*
 Delgadillo, Jaime, *Bogota, Colombia*
 Doehne, Carolyn, *Drexel Hill, Pa.*
 Donahue, Joseph, *Jersey City, N. J.*
 Donley, Jane, *Gettysburg, Pa.*
 Doub, John, *Baltimore, Md.*
 Drum, Gwen, *Gettysburg, Pa.*
 Dulebohn, George, *Greencastle, Pa.*

Duncan, Alan, *Robesonia, Pa.*

Eicholtz, Robert, *Biglerville, Pa.*
 Elsner, Bertram, *Hanover, Pa.*
 Erdley, Richard, *Paxtonville, Pa.*
 Ernst, William, *Dover, Pa.*

Falk, Leonard, *Iron Springs, Pa.*
 Farquhar, John, *Kennett Square, Pa.*
 Feeman, Mary, *Gettysburg, Pa.*
 Feeser, Everett, *Littlestown, Pa.*
 Ferrey, George, *Conyngham, Pa.*
 Finck, Michael, *St. Petersburg, Fla.*
 Fisher, James, *Gettysburg, Pa.*
 Ford, Ronald, *Coatesville, Pa.*
 Fought, Daniel, *Hughesville, Pa.*
 Foxx, Samuel, *Church Hill, Md.*
 Frey, Rita, *Hanover, Pa.*

Georg, Gretchen, *Boswell, Pa.*
 Gifford, David, *Gettysburg, Pa.*
 Gottshalk, Joseph, *Norristown, Pa.*
 Gotwald, Ethel, *New Rochelle, N. Y.*
 Grace, Fred, *Gettysburg, Pa.*
 Graybill, Guy, *Paxtonville, Pa.*
 Guss, Earl, *Mifflintown, Pa.*

Hackenberg, Edwin, *Westfield, N. J.*
 Haines, Isaiah, *New Lisbon, N. J.*
 Hall, Gwendolyn, *Biglerville, Pa.*
 Harcourt, Robert, *Westfield, N. J.*
 Harman, Donald, *Lancaster, Pa.*
 Hattery, John, *Baltimore, Md.*
 Hays, S. Barbara, *Emmitsburg, Md.*
 Hechler, James, *Windber, Pa.*
 Heldt, Rachel, *Gettysburg, Pa.*
 Herring, Fred, *Fairfield, Pa.*
 Hersh, Richard, *Manchester, Md.*
 Herzog, Robert, *Blue Ridge Summit, Pa.*
 Hoffman, Edward, *Arendtsville, Pa.*
 House, Spencer, *Gettysburg, Pa.*
 Houser, John, *Biglerville, Pa.*
 Howard, Charles, *Frederick, Md.*
 Huyck, Eugene, *Dumont, N. J.*

Johnson, Alice, *Gettysburg, Pa.*
 Johnson, Sheldon, *Hughesville, Pa.*
 Jones, Edward, *Hanover, Pa.*

Kauffmann, Glenn, *Fayetteville, Pa.*
 Kazuyuki, Ray, *Seabrook, N. J.*
 King, Paul, *Wayne, Pa.*
 Kinney, George, *Moorstown, N. J.*
 Kolb, Nicholas, *Bethesda, Md.*
 Koppelman, Leon, *Philadelphia, Pa.*
 Koulouris, Constantine, *Elizabeth, N. J.*
 Krocukick, George, *Jim Thorpe, Pa.*
 Krone, George, *York, Pa.*
 Krug, Gloria, *Hanover, Pa.*

Lawver, Donald, *Gettysburg, Pa.*
 Leatherman, J. Carol, *Fayetteville, Pa.*
 Lebo, Leslie, *Carlisle, Pa.*
 Leidholdt, Barbara, *Drexel Hill, Pa.*

- Libby, Jack, *Burnham, Pa.*
 Lieberknecht, Donald, *York, Pa.*
 Lincoln, Eugene, *Royersford, Pa.*
 Little, Delores, *Johnstown, Pa.*
 LoBianco, Charles, *Baltimore, Md.*
 Loudon, Lynn, *Old Greenwich, Conn.*
 Louser, Harry, *Harrisburg, Pa.*
- McMullen, Floyd, *Gettysburg, Pa.*
 McMullen, Lois, *Gettysburg, Pa.*
 McNally, H. Patrick, *Gettysburg, Pa.*
 MacIvor, Wilbur, Jr., *New Cumberland, Pa.*
 MacKinney, Edgar, Jr., *McConnellsburg, Pa.*
 Mackley, David, *Littlestown, Pa.*
 Mahoney, James, *York, Pa.*
 Malsy, Frank, *Hasbrouck Heights, N. J.*
 Manning, Kenneth, *Katonah, N. Y.*
 Mason, Walter, *Hanover, Pa.*
 Mattson, James, *York, Pa.*
 Metzger, Robert, *N. Caldwell, N. J.*
 Mattheiss, David, *Baltimore, Md.*
 Middleton, Carol, *Moorestown, N. J.*
 Miller, Harold E., *Hanover, Pa.*
 Miller, Larry, *Chambersburg, Pa.*
 Montgomery, John, *New Rochelle, N. Y.*
 Moore, Herbert, Jr., *Clayton, N. J.*
 Morschauser, Neal, *Gettysburg, Pa.*
 Motta, Ernest, *Panama, Republic of Panama*
 Musselman, Joyce, *Orrtanna, Pa.*
 Musselman, Martha, *Gettysburg, Pa.*
- Nassehi, Fraidoun, *Tehran, Iran*
 Natschke, Frederick, *Ashland, Pa.*
 Neison, William, *Minisink Hills, Pa.*
 Newbould, Kenneth, *Wyomissing, Pa.*
 Nickey, Edwin, *Hanover, Pa.*
 Nickoles, Kenneth, *Westminster, Md.*
 Noble, John, *New Oxford, Pa.*
- Oblinger, C. Roberts, Jr., *Harrisburg, Pa.*
 Orcutt, Warren, *Yonkers, N. Y.*
- Paley, Jean, *Newport, Pa.*
 Pennington, Peter, *Gettysburg, Pa.*
 Pfeffer, Helen, *Gettysburg, Pa.*
 Phillips, Walter, Jr., *Camp Hill, Pa.*
 Plowfield, Harvey, *W. Lawn, Pa.*
 Polm, Karen, *Williamstown, Pa.*
 Pottleiger, Lester, *Harrisburg, Pa.*
 Powell, Eugene, *Harrisburg, Pa.*
 Pratt, Robert, *Madison, Conn.*
 Pretz, David, *Altoona, Pa.*
 Prutzman, Paul, Jr., *Hanover, Pa.*
 Purdy, Richard, *Gettysburg, Pa.*
- Rahn, Donna, *Williamstown, N. J.*
 Rawlins, James, *Seaford, Del.*
 Register, Robert, *Littlestown, Pa.*
 Reich, Walter, Jr., *Lancaster, Pa.*
 Renfrew John, *Johnstown, Pa.*
 Rentschler, Robert, *Athens, Pa.*
 Rhoads, George, Jr., *Camp Hill, Pa.*
 Rice, Thomas, *Baltimore, Md.*
 Richard, Francis, *Ellenville, N. Y.*
 Richards, Daniel, *Washington, D. C.*
 Ryder, Elizabeth, *Hagerstown, Md.*
- Sage, Jacob, *Brooklyn, N. Y.*
 Santillo, Robert, *Norristown, Pa.*
- Satterthwaite, Peter, *Ambler, Pa.*
 Saul, James, *Harrisburg, Pa.*
 Saxon, Raymond, Jr., *Wellesley, Mass.*
 Schaffer, Suzanne, *Gettysburg, Pa.*
 Schaffer, Theodore, *Gettysburg, Pa.*
 Scheck, Nancy, *Greenwich, Conn.*
 Schlusemeyer, Bruce, *Framingham, Mass.*
 Scott, William, *Gettysburg, Pa.*
 Seitter, Girard, III, *Philadelphia, Pa.*
 Sell, Dean, *Littlestown, Pa.*
 Sepulveda, Robert, *Gettysburg, Pa.*
 Shealer, Gerald, *Gettysburg, Pa.*
 Shepard, William, III, *Gettysburg, Pa.*
 Shetter, Sara, *Biglerville, Pa.*
 Shields, Willamae, *Chambersburg, Pa.*
 Shirey, Elmer, *Pittsburgh, Pa.*
 Sholley, Shallimar, *Mechanicsburg, Pa.*
 Sinnott, Margaret, *Baltimore, Md.*
 Skalinski, Philip, *Baltimore, Md.*
 Smith, Jerry, *Dallastown, Pa.*
 Snyder, Elizabeth, *New Oxford, Pa.*
 Spayd, Richard, *Womelsdorf, Pa.*
 Stahl, Karl, *Chambersburg, Pa.*
 Starner, Clair, *York, Pa.*
 Staub, Ronald, *Hanover, Pa.*
 Steinharter, Kenneth, *Franklin Sq., N. Y.*
 Stegner, William, *Red Lion, Pa.*
 Stetser, Ann, *Sharon Hill, Pa.*
 Stevens, Mary, *York, Pa.*
 Stevenson, Richard, *Maplewood, N. J.*
 Stott, James, II, *Dover, Pa.*
 Strawn, Roscoe, *Gettysburg, Pa.*
 Strickler, Charles, *Oradell, N. J.*
 Sundermeyer, Niels, *Gettysburg, Pa.*
- Temme, Francis, *Philadelphia, Pa.*
 Thomas, Darrel, *Gettysburg, Pa.*
 Tomlinson, Allen, *Gettysburg, Pa.*
 Trainer, Franklin, *Gettysburg, Pa.*
 Trimmer, Jacob, V, *Carlisle, Pa.*
 Troupe, Karen, *Philadelphia, Pa.*
- VanDeGriek, Albert, *St. Petersburg, Fla.*
 VanHouten, Paul, *Berwick, Pa.*
 VanLowe, Carl, Jr., *Gettysburg, Pa.*
 Velton, Ernest, *Baltimore, Md.*
 Villard, Bruce, *Gettysburg, Pa.*
 VonCzoerning, Carl, *Bryn Mawr, Pa.*
- Wagner, Robert, *Hanover, Pa.*
 Walker, James, *Gettysburg, Pa.*
 Warren, Jane, *Hanover, Pa.*
 Way, Charlotte, *Gettysburg, Pa.*
 Webb, Ronald, N. *Syracuse, N. Y.*
 Weiss, Donald, *Westminster, Md.*
 White, Peter, *Camp Hill, Pa.*
 Wills, Richard, *York, Pa.*
 Wilson, John, *West Orange, N. J.*
 Winter, Thomas, *Gettysburg, Pa.*
 Wolf, Donna, *Gettysburg, Pa.*
 Wolfe, Elaine, *Gettysburg, Pa.*
 Woods, David, *Gettysburg, Pa.*
 Woods, John, *Gettysburg, Pa.*
 Wright, George, *Summit, N. J.*
- Yost, Earl, Jr., *Shippensburg, Pa.*
- Zagars, Gunars, *Gettysburg, Pa.*
 Zercher, Albert, *Littlestown, Pa.*

Special Students

Jose Barragan
 Charles A. Cook
 Rita Frey
 Thomas Heberly, III

William H. Knapper
 Lemuel R. Lawson
 Mark Piacine, Jr.
 Joseph Ujobai

Part-Time Students

Morgan G. Brenner
Glendon Collier
Shirlee L. Crane
Susanna Hartley
Rachel Heldt
Joseph Kernan
Helen B. King
Esther Kurlansik
Ann H. Lau
Marlin H. Lauver
Leslie R. Lebo
Lois McMullen

John H. Mowen
Girard Seitter, III
Irene Senft
Donald L. Smith
Karl N. Stahl
Clair Starnes
Johannes Vermeulen
James A. Walker
Miriam Wilson
David W. Woods
John W. Woods

Summary

Students in College First Semester 1957-58

	MEN	WOMEN	TOTAL
Seniors	224	83	307
Juniors	272	73	345
Sophomores	276	80	356
Freshmen	320	118	438
Special	21	10	31
	1,113	364	1,477

Geographical Distribution of Students

1957-58

STATE	STUDENTS
Pennsylvania	826
New Jersey	247
New York	163
Maryland	138
Virginia	18
Connecticut	12
Ohio	8
Washington, D. C.	8
Florida	7
Delaware	7
Other States	37

Commencement 1957

June 9

Commencement Speaker

The Honorable Luther Wallace Youngdahl

Bachelor of Arts

Summa Cum Laude

Edwin Bachman
John Michael Bishop
Charles Franklin Eshleman, Jr.
Norma Dawn Grimes
Carol Ann Traynor

Magna Cum Laude

Joan Schick Beaver
Joan Frances Benfer
Samuel Moffitt Eppiey
Amy Lee Hibberd
Roger Leroy Knecht
John David Little
Ronald Dmitri Milo
Samuel Alexander Mudd
**Raymond David Niebler
Morris Steve Piver
Barbara Lewis Ritz
*Samuel Alan Ruby
Sandra Carver Schildnecht
Jeanette Anne Scott
Robert Wayne Smith
Shirley White Smith
Ruth Marie Stromberg
Mary Ann Sulzer
Paul Patrick Verdone
Frederick Sheely Weiser
Cynthia Fern Wertz
Richard Springer Wurst

Cum Laude

Wayne Arland Ewing
*Donald Eugene Hofford
John Pennell Neikirk
Shirley Ann Cashman Sheridan
Marie Ruth Staufer
Kathleen Mackenzie Swaim
Howard Benson Tykot
William Barclay Whitten
Lois Ellen Winneberger
Suzanne Ellen Ziegler
Jeanette Sylvia Zulick

Rite

Benjamin Abramson
Howard Charles Adelman
Helen Esther Bagdoyan
Charles Albert Baker
Joanne Shirley Banks
Jane Carol Bannister

**Harry Weller Barrick, Jr.
Doris Caroline Beisler
Charles Linford Bieler
Jay Melville Bohn
Deane Gordon Bornheimer
*Gertrude Paula Seeger Boyer
Donald Wilcox Brandt
Richard DeLong Brown
William Jordan Bunce, Jr.
Thomas Francis Patrick Buntz
Robert Augur Butler
Stuart Randall Carswell, Jr.
Gareth Arney Carter
Richard Charles Christensen
Barbara Frances Clark
Joseph Ervin Clark
Robert Owen Cochran
Charles Alvin Coeyman
Don Lawton Coursey
Hazel Louise Cowan
Bruce Preston Craft
John Richard Cunningham, Jr.
David Robert Cuthbert
Lawrence Milbourne Davies, Jr.
Robert Wilson Davies
Raymond Scott Davis, Jr.
Paul Isaac Detwiler, Jr.
Robert Elias Diehl, Jr.
Dennis Alvin Dooley
Barbara Mumper Downey
Ronald James Downey
Judith Dunlop
George O'Neal Ebersole
*Franklin Anthony Eckert
**William Lee Einwaechter
**Theodore George Elser
Thelma Ruth Ernst
Felix Riesgo Fernandez
Sigrid Elizabeth Finster
Ardath June Fisher
Elissa Jane Langaunet Fisher
Harry Edward Fisher, Jr.
*Richard David Fitzpatrick
Gerald Wayne Fleck
**Ida Sellers Flegal
Frederick Severin Foerster
Dale William Fohl, Jr.
Roger Terrence Foor
Howard Robert Foulk
Eleanor Joan Fresh
Philip Kelly Frederick, Jr.
James Edward Fuller

*Completed requirements January 30, 1957

**Completed requirements August 24, 1956

- Albert John Gabig—
 **Richard Wilson Gaenzle
 Paul Durooss Gallagher—
 Rodney Arthur Gatzke
 Charles William Gerber
 Susan Diane Gible—
 Franklin John Gingrich, Jr.—
 Roy Elwood Godfrey
 William Richard Goetz—
 Richard Gerald Goff
 Donald Eugene Golden
 Robert Sigmund Goldner—
 *Thomas Arrell Browne Goldsborough
 Franklin Fisk Goodyear—
 Donald George Gosden—
 Eugene John Gruver
 Joan Edith Habecker—
 Lloyd Leslie Hamme, Jr.
 Joseph Jerry Harrell—
 **Albert Smith Harris, Jr.
 Terrence Joseph Harris
 Thomas Franklin Heberly, III
 John Bruce Heckman—
 Walter Rudolph Heidelberger—
 Donald Richard Helfrich
 Arthur Jenkins Hendley—
 Bruce John Hendrickson
 Nell Fager Henning
 Mildred Helen Herrmann—
 Judith Evans Hinton—
 *Robert Joseph Hobaugh
 William Birchhead Hoffer—
 Paul Shafer Hoffman
 **Kenneth Pete Hollandsworth
 James Edward Holmes—
 *John Robert Houser
 George Harvey Hoyt—
 Frederic Thomas Huffnagle—
 *John Joseph Humanick
 Nancy Jane Huntsberger—
 Edward Charles Isele, Jr.—
 William Calvin Jacobs—
 Betty Lou Jerrett
 Charles Robert Johnson—
 James Andrew Jones—
 Jane Carolyn Jones
 **John Spencer Joslyn
 Kenneth Wanner Kauffman—
 Marilyn Sue Kerr—
 Edmund Ignatz Klein—
 *Donald Ray Klingler
 Stephen Cyrus Koffler—
 Elise Henriette Korman—
 Lewis Victor Kost, Jr.—
 Carol Julia Krivenky—
 Wallace Karl Kuligowski—
 Richard Felix Lalacoma—
 **William Paul Laing
 Virginia Anne Lammey—
 Leslie Robert Lebo—
 Edward Cook Lecarpentier, Jr.—
 Barbara Ann Lee—
 Judith Ann Lehn—
 Charles Edwin Leps
 Howard Beecher Lewis—
 David Louis Lichtenfeld—
 Nancy Oella Lindner—
 Susan Betty Lohrke
 **Donzel Stoney Loker
 Robert Brinker Long, Jr.
 James Miller Longanacre, Jr.—
 *Dwight Beyers Losee
 Mary Cronin Leary Loudon
 Jay Augustus McDonnell—
 Jane Lyon McKinney
 Frank Leo McLaughlin—
 Audrey Warranita McMahon—
 Jose Manuel Marotta—
 Anne Virginia Marshall—
 Richard Bruce Marshall—
 Charles Edward Metzger, Jr.—
 Harold James Meunier—
 Alice Louise Moyer—
 Charles Daniel Moyer—
 Paul Glenn Moyer—
 Donald Carl Musch
 Louis Angelo Natale, Jr.—
 Charles Edwin Naumann, Jr.—
 Michael Kriner Neady
 Carl Cleveland Neely, Jr.
 Thomas Oates—IV
 **Marek Ochshorn
 Joseph John Paradine—
 Stephen Rhodes Parr—
 Ronald Ernest Paul—
 David Willard Peck—
 James Henry Pelton—
 Glenn G. Penniman, Jr.—
 Taylor Phelps Pennington—
 **Howard Bowne Pettit
 **Richard Milton Polity
 Kenneth Reed Purdy—
 John Carl Ramer
 Jack Dale Ramsey—
 Ernest George Reeder, Jr.—
 **Richard Isaac Reich
 **John Melchoir Ridinger
 John Nathan Rightmyer—
 Martha Anna Rilling—
 Jerry Kenneth Robbins—
 Joseph Mark Robinski—
 Gordon Eugene Rolls—
 Beulah Spitz Rothstein
 Sara Jane Rowe—
 Donald Irwin Rumney, Jr.
 William Louis Ryon, Jr.—
 *Gerald Barkdoll Sanders
 John Edward Schleicher—
 Carl Frederick Christian Schleunes—
 Robert Charles Schultz—
 Elizabeth Schwabenland—
 Odette Ruth Schwager—
 Vincent Anthony Scola—
 *John Robert Scott
 Girard Seitter, III—
 Walter Adair Sell
 Ronald Franklin Sensbach—
 Charles Merritt Shaffer, Jr.
 *Richard Lewis Shanaberger
 Winifred Kay Shearer—
 Frederick Rentschler Shenk, Jr.
 Edward Truslow Sheridan
 Lee Wayne Sholly—
 David Albert Shumaker—
 Robert Edward Sickel—
 *Frank Robert Siebold
 Robert Russell Sieck—
 Jay Lee Sixeas—
 Charles Alvin Slifer, Jr.
 David Harold Smalbach—
 Robert Joseph Sorrell
 **Norman Gilley Stahl
 Thomas Andrew Stahl—
 *John Starinchuk, Jr.—
 Marjorie Day Steele—
 Robert Henry Stellman—
 John Raymond Stewart, Jr.
 David Phillips Stiteler—
 Robert Eugene Strang—
 Frederick Galen Stroehmann—

*Completed requirements January 30, 1957

**Completed requirements August 24, 1956

Marian Helene Thiess
 Karl Lynn Thompson—
 Merrill Allen Trainer, Jr.
 Harry Kriechbaum Utterback—
 Arlene Anne VanArtsdalen—
 Ronald Gene VanBlargan—
 Wallace Henry VanDyke—
 Paul Adrian VanHouten
 *George Matthew Vanistendal—
 Carolyn Jean Close VanLowe
 Elaine Julia Voltz—
 Grace Agnes Wagner
 Walter Hermann Wagner—
 William Terry Wagner—
 Robert Albert Walmsley—
 Robert Llewellyn Webb—
 John Albert Weber—

Mary Catherine Wehle—
 Louis Frederick Weislogel, Jr. —
 Steve Jack Welsh
 Richard Owen Wexo—
 Richard Mercer Wiese—
 Donald Grant Williams
 Don Vernon Williams—
 George Arthur Williams—
 Karl Millard Williams, Jr.
 Kenneth Harold Williams—
 Carol Ann Willis—
 *William Burns Wivel—
 Frank Peter Wolyniec, Jr.—
 **James Alvin Yoder—
 John Charles Zeigler—
 Eleanor Elizabeth Zoerbel—

Bachelor of Science in Physical Education

*Joseph Wilmar Bierly
 *Gareth Victor Biser
 *John Dougherty Bream

*Charles Sherwood Heverly
 *William Albaugh Ward—

Valedictorian

John Michael Bishop

Salutatorian

Edwin Bachman

Highest Class Honors

Senior

Edwin Bachman
 Joan Schick Beaver
 John Michael Bishop
 Charles Franklin Eshleman, Jr.
 Roger Leroy Knecht
 Kathleen Mackenzie Swaim
 Carol Ann Traynor

Class Honors

Senior

Joan Frances Benfer
 Wayne Arland Ewing
 Elissa Jane Langaunet Fisher
 Norma Dawn Grimes
 Amy Lee Hibberd
 *Donald Eugene Hofford
 Marilyn Sue Kerr
 John David Little
 Anne Virginia Marshall
 Ronald Dmitri Milo
 Alice Louise Moyer
 **Raymond David Niebler
 John Pennell Neikirk
 John Carl Ramer
 Martha Anna Rilling
 Sandra Carver Schildnecht
 Jeanette Anne Scott

Shirley Ann Cashman Sheridan
 David Albert Shumaker
 Shirley White Smith
 Ruth Marie Stromberg
 Mary Ann Sulzer
 Arlene Anne VanArtsdalen
 Ronald Gene VanBlargan
 Paul Patrick Verdone
 Walter Hermann Wagner
 Frederick Sheely Weiser
 William Barclay Whitten
 Richard Springer Wurst
 Suzanne Ellen Ziegler
 Eleanor Elizabeth Zoerbel

Highest Class Honors

Junior

James Wilson Deichert
 Donald James Holland

Class Honors

Junior

Kenneth Charles Anderson
 Sara Louise Clouser
 John Weile Kirst
 Ada Louise Kreider
 Carol Doub Long
 Lynn Mansell Loudon
 Carola Ivonne Machetzki

*Completed requirements January 30, 1957

**Completed requirements August 24, 1956

Julia Margo Owens
George Wilson Rohrbaugh, Jr.
Ronald David Staub
Jo Ann Sherman
Kevin Blair Thomas
Janet Mears Varner
Nancy Westkott
Evelyn Fairbanks Zwahf

Highest Class Honors*Sophomore*

Helen Louise Berkey
Jack Arthur Kline
Mary Margaret Schrack
John Joseph Wenzke

Class Honors*Sophomore*

Sandra Marie Amundsen
Frederick Arthur Foltz
Norman Lee Gindlesperger
Fred McCleaf Herring
Nancy Logan
Ronald Larry Paul
Sara Jane Schneider
Robert Leonard Schumann
Dianne Sheffer
Beverly Joy Vaniel
Henry Porter Van Ormer, Jr.
Nancy Elizabeth Wagner
Robert Bruce Wolf

Highest Class Honors*Freshman*

Donna Jean Brogan

Class Honors*Freshman*

Stephen Gray Bishop
Samuel Starr Blackman
Patricia Ann Carr
Richard John Davidyock
Virginia Blanche Dorn
Mary Anne Heckler
Judith Marie Keyes
Howard Nevin Peters
Sue Ann Ruby
Ludwig Frederick Schlecht
Karl Peter Stofko
Janet Lucille Weitcomb

Departmental Highest Honors*In Chemistry*

John Michael Bishop

*In Business Administration
and Economics*

**Raymond David Niebler

In English

Kathleen Mackenzie Swaim
Carol Ann Traynor

In French

Edwin Bachman
Ruth Marie Stromberg

In German

Charles Franklin Eshleman, Jr.

In History

Frederick Sheely Weiser

In Mathematics

Norma Dawn Grimes
Sandra Carver Schildnecht

In Physics

William Barclay Whitten

In Psychology

Samuel Alexander Mudd

Departmental Honors*In Biology*

Elise Henriette Korman
Robert Wayne Smith

*In Business Administration
and Economics*

Roger Leroy Knecht
Lois Ellen Winneberger
Richard Springer Wurst

In Chemistry

Samuel Moffitt Eppley
Morris Steve Piver
Jeanette Anne Scott
Howard Benson Tykot

In English

Joan Schick Beaver
John David Little

In French

Suzanne Ellen Ziegler

In German

Eleanor Elizabeth Zoerbel

In Greek

John Pennell Neikirk

In History

*Samuel Alan Ruby
Shirley White Smith

In Mathematics

Odetta Ruth Schwager

In Music

Donald Eugene Golden

In Philosophy

Wayne Arland Ewing
Ronald Dmitri Milo

In Political Science

John Nathan Rightmeyer
David Albert Shumaker

In Physical Education

Gareth Victor Biser
Charles Edwin Naumann, Jr.

*Completed requirements January 30, 1957

**Completed requirements August 24, 1956

In Psychology

Elissa Jane Langaunet Fisher
 **Robert Joseph Hobough
 Shirley Ann Cashman Sheridan
 Ronald Gene VanBlargan
 Paul Patrick Verdone
 Cynthia Fern Wertz

In Spanish

Joan Frances Benfer
 Amy Lee Hibberd
 Mary Ann Sulzer
 Jeannette Sylvia Zulick

Seniors Elected to Phi Beta Kappa

Edwin Bachman
 Joan Schick Beaver
 Joan Frances Benfer
 John Michael Bishop
 Samuel Moffitt Eppley
 Charles Franklin Eshleman, Jr.
 Norma Dawn Grimes
 Amy Lee Hibberd
 Roger Leroy Knecht
 Anne Virginia Marshall
 Ronald Dmitri Milo
 Samuel Alexander Mudd
 **Raymond David Niebler
 Morris Steve Piver
 Martha Anna Rilling
 Barbara Lewis Ritz
 *Samuel Alan Ruby
 Sandra Carver Schildnecht
 Jeanette Anne Scott
 Robert Wayne Smith
 Shirley White Smith
 Ruth Marie Stromberg
 Mary Ann Sulzer
 Carol Ann Traynor
 Howard Benson Tykot
 Paul Patrick Verdone
 Frederick Sheely Weiser
 Cynthia Fern Wertz

Seniors in Gettysburg Honor Society

Edwin Bachman
 Joanne Shirley Banks
 John Michael Bishop
 Wayne Arland Ewing
 Nancy Jane Huntsberger
 Elise Henriette Korman
 John David Little
 Audrey Warranita McMahon
 Anne Virginia Marshall
 John Pennell Neikirk
 Ronald Ernest Paul
 Martha Anna Rilling
 Barbara Lewis Ritz
 Sandra Carver Schildnecht
 Winifred Kay Shearer
 Shirley Ann Cashman Sheridan
 Marie Ruth Stauffer
 Kathleen Mackenzie Swaim
 Carol Ann Traynor
 Howard Benson Tykot
 Paul Patrick Verdone
 Frederick Sheely Weiser
 Lois Ellen Winneberger
 Suzanne Ellen Ziegler
 Jeannette Sylvia Zulick

**American Association of
University Women Gift
Membership**

Suzanne Ellen Ziegler

**Association of the United States
Army Prize**

Charles Sherwood Heverly

Baum Mathematical Prize

Nancy Logan

With Honorable Mention

Beatrice Lillian Spofford
 Philip Hay Schulz
 Shirley Alice Burkert

Beachem Award

Arthur Jenkins Hendley
 William Albaugh Ward

**Beta Beta Beta
Junior Prize**

Elizabeth Ann Brown

**Beta Beta Beta
Provisional Prize**

Jean Brooke Glocker

C. E. Bilheimer Award

Gareth Victor Biser
 Charles Sherwood Heverly

Chi Omega Social Science Award

Shirley White Smith

**Delta Gamma Alumnae
Association Award**

Maryellen Reinsmith

Delta Phi Alpha Prize

Charles Franklin Eshleman, Jr.

**Anthony di Palma
Memorial Award**

Julia Margo Owens

With Honorable Mention

Kenneth Charles Anderson

**Margaret E. Fisher
Memorial Award**

Robert Barkley

Garver Greek Prize

Kathleen Mackenzie Swaim

With Honorable Mention

John Andrew Ulrich
 John Franklin Miller
 John Joseph Wenzke

*Completed requirements January 30, 1957

**Completed requirements August 24, 1956

Garver Latin Prize

Charles LaMar Ziegler, Jr.

Graeff English Prize

Carol Ann Traynor

Hamme Award

Bonnie Rae Bankert
Harper Leroy Bohr, Jr.
Evelyn Fairbanks Zwahl

Hanson Award

Ronald Dmitri Milo

Hassler Latin Prize

Ada Louise Kreider

Frank H. Kramer Award

Eleanor Elizabeth Zoerbel

Lutheran Brotherhood Award

Carola Ivonne Machetzki
Charles John Charles

**George R. Miller
Memorial Award**

William Barclay Whitten

Military Memorial Prize

David Couter Kessler, Air Science
Richard Springer Wurst, Military Science

Moore Award

Frederick Sheely Weiser
Carol Ann Traynor

Muhlenberg Freshman Prize

Charles LaMar Ziegler, Jr.

Nicholas Bible Prize

William Calvin Jacobs

**Pennsylvania Institute of Certified
Public Accountants Award**

Richard Springer Wurst

Phi Sigma Iota Prize

Edwin Bachman
Suzanne Ellen Ziegler

Pi Delta Epsilon Award

Martha Anna Rilling
Carol Ann Traynor

Sceptical Chymists Prize

Ronald Betts Berklite

Stine Chemistry Prize

John Michael Bishop

Weaver Essay Prize

Robert Leroy Register
John Nathan Rightmyer

Zimmerman Senior Prize

John Michael Bishop

United States Army Commissions

Commissioned as Second Lieutenants in the United States Army Reserve

Charles Linford Bieler
*John Dougherty Bream
**Joseph Ervin Clark
Lawrence Milbourne Davies, Jr.
George O'Neal Ebersole
Roger Terrence Foor
*Albert John Gabig
**†Robert Sigmund Goldner
Franklin Fisk Goodyear
†William Alfred Hancock
†Joseph Jerry Harrell
**Charles Sherwood Heverly
*†Paul Shafer Hoffman
James Andrew Jones
Kenneth Wanner Kauffman
†Leon Max Koppelman

James Miller Longanacre, Jr.
Harold James Meunier
Charles Daniel Moyer
Donald Carl Musch
†Carl Cleveland Neely, Jr.
Kenneth Reed Purdy
*Walter Adair Sell
David Albert Shumaker
Robert Edward Sickel
Robert Russell Sieck
†Robert Henry Stellman
Wallace Henry VanDyke
*William Albaugh Ward
**Richard Owen Wexo
Richard Springer Wurst

United States Marine Commission

Commissioned as Second Lieutenant in the United States Marine Corps Reserve

Raymond Scott Davis, Jr.

*Distinguished Military or AFROTC Graduates

†To be commissioned in Summer, 1957

**Distinguished Military Graduates to be commissioned in Regular Army

United States Air Force Commissions

Commissioned as Second Lieutenants in the United States Air Force Reserve

Paul Isaac Detwiler, Jr.	Louis Angelo Natale, Jr.
Gerald Wayne Fleck	*David Willard Peck
Dale William Fohl, Jr.	William Louis Ryon, Jr.
*Philip Kelly Frederick, Jr.	†Paul Lester Utz
Franklin John Gingrich, Jr.	*William Terry Wagner
Arthur Jenkins Hendley	Robert Albert Walmsley
*James Edward Holmes	Steve Jack Welsh
Edmund Ignatz Klein	Don Vernon Williams
*Howard Beecher Lewis	†George Booker Wright
Charles Edward Metzger, Jr.	

Honorary Degrees

Doctor of Divinity

Paul Louis Reaser
Hugo William Schroeder

Doctor of Literature

Bruce Catton

Doctor of Science

James Arthur Singmaster

Doctor of Laws

Luther Wallace Youngdahl
Joseph Hendrix Himes

*Distinguished Military or AFROTC Graduates

†To be commissioned in Summer, 1957

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